# FY1996 / FY1997 BIENNIAL BUDGET ESTIMATES

# AIR NATIONAL GUARD



19950216 023 FY 1996
MILITARY CONSTRUCTION PROGRAM

Justification Data Submitted to Congress
February 1995

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# DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1996

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# SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM -- FY 1996

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
Alabama	Birmingham Municipal Airport (ANG) Alter KC-135 Aircraft Shops	4,400	b - 3
	Dannelly Field (ANG) Fire Station	<u>1,445</u>	b - 8
	Sub-Total Alabama	5,845	
Arizona	Tucson International Airport  Add to and Alter Aircraft Support  Equipment Shop	60 <u>0</u>	<b>b -</b> 13
	Sub-Total Arizona	600	
California	Sepulveda Air National Guard Station Replace Underground Fuel Storage Tanks	<u>320</u>	b - 175
<b>a</b>	Sub-Total California	320	
Colorado	Buckley Air National Guard Base  Base Engineer Pavements and Grounds  Facility  Upgrade Heating Systems	450 950	b - 20 b - 22
	Sub-Total Colorado	1,400	
Georgia	Glynco Air National Guard Station Replace Underground Fuel Storage Tanks	320	b - 175
	Hunter ANG Station No. 2 Replace Underground Fuel Storage Tanks	400	b - 175
	Savannah International Airport Alter Aircraft Maintenance Shops	<u>1,300</u>	b - 31
	Sub-Total Georgia	2,020	
Idaho	Boise Air Terminal (Gowen Field) Remove Underground Fuel Storage Tanks	<u>320</u>	b - 175
	Sub-Total Idaho	320	

STATE/ COUNTRY		AUTH/APPROP AMOUNT (000)	<b>DD FORM</b> 1391 <u>PAGE NO.</u>
Illinois	Greater Peoria Airport (ANG)		
	Add to Aircraft Parking Apron	630	b - 38
	Aircraft Deicing Facility	400	<b>b</b> - 176
	Add to and Alter Squadron Operations Facil	•	<b>b</b> - 40
	Alter Aerial Port Training Facility	710	b - 42
	Alter Aircraft Maintenance Shops	1,450	b - 44
	Add to Aircraft Maintenance Hangar	<u>1,200</u>	<b>b -</b> 46
,	Sub-Total Illinois	5,360	
Kansas	McConnell Air Force Base		
•	Alter B-1 Squadron Operations Facility	<u>800</u>	b - 50
	Sub-Total Kansas	800	•
Massachusetts	Barnes Municipal Airport (ANG)		
	Vehicle Maintenance Complex	2,000	b - 54
	Worcester ANG Station Add to and Alter Vehicle Maintenance		
	Facility	<u>350</u>	b - 176
*	Sub-Total Massachusetts	2,350	
Michigan	Selfridge ANG Base		
g	Upgrade Heating Systems	<u>2,900</u>	<b>b</b> - 61
	Sub-Total Michigan	2,900	
Minnesota	Minneapolis St. Paul International Airport		
	Aircraft Deicing Facility	400	<b>b - 17</b> 6
	Upgrade Heating System	<u>780</u>	<b>b</b> - 66
	Sub-Total Minnesota	1,180	
New Jersey	Atlantic City Airport (ANG)		
Tion deliber	Upgrade Sanitary and Water Systems	650	b - 70
	McGuire Air Force Base	•	
	Fuel Cell and Corrosion Control Facility	5,700	b - 75
	Warren Grove Range		
	Composite Range Operations Facility	<u>1,100</u>	b - 80
	Sub-Total New Jersey	7,450	

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
New Mexico	Kirtland Air Force Base		
	Alter Aircraft Maintenance Hangar		1 0#
	and Shops	900	b - 85
	Composite Engine and NDI Shop	2,700	b - 88
	Aircraft Corrosion Control Facility  LANTIRN Maintenance Facility	1,800 <u>620</u>	b - 91 b - 94
		<del></del>	• • •
	Sub-Total New Mexico	6,020	
New York	Hancock Field (ANG)		
1.011 2011	Composite Medical Training Facility	1,990	<b>b -</b> 98
•	Niagara Falls International Airport		
	Upgrade Runway Overrun	1,950	<b>b - 1</b> 03
	Upgrade Storm Water and		1 176
	Sanitary Sewer System	<u>400</u>	b - 176
	Sub-Total New York	4,340	
Ohio	Blue Ash ANG Station		•
Omo	Replace Underground Fuel Storage Tanks	380	b - 177
•	Camp Perry ANG Station		
	Replace Underground Fuel Storage Tanks	320	b - 177
•	Rickenbacker Air National Guard Base	•	·
	Replace Underground Fuel Storage Tanks	<u>310</u>	b - 177
	Sub-Total Ohio	1,010	
0111	TO be Televis diseas Airman	,	•
Oklahoma	Tulsa International Airport Composite Communications Facility	1,900	b - 113
	Composite Communications 2 200009,	,	
	Will Rogers World Airport		
	Petroleum Operations Facility	400	b - 177
	Aerial Port Training Facility	2,550	b - 118
	Composite Fire Station	<u>1,950</u>	b - 121
	Sub-Total Oklahoma	6,800	
Pennsylvania	Greater Pittsburg International Airport (AN) Fuel Systems Maintenance Facility	G) <u>5,332</u>	<b>b -</b> 126
	Sub-Total Pennsylvania	5,332	
Canala Dala 4	Too Form Field (ANC)		
South Dakota	Joe Foss Field (ANG)  Base Supply Complex	4,000	<b>b -</b> 131
	Sub-Total South Dakota	4,000	

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
Tennessee	McGhee Tyson Airport PMEC School Training Quarters	4,400	<b>b -</b> 136
	Memphis International Airport Add to and Alter Base Engineer Maintenance Complex	990	b - 141
	Add to and Alter Security Police Operations Facility	<u>1,100</u>	b - 144
	Sub-Total Tennessee	6,490	
Texas	Kelly Air Force Base Upgrade Heating and Cooling Systems	<u>1,400</u>	<b>b - 1</b> 49
	Sub-Total Texas	1,400	
Virginia	Camp Pendleton Military Reservation Vehicle Maintenance Complex	2,000	b - 153
	Richmond International Airport (Byrd Field) Add to and Alter F-16 Aircraft Maintenance Complex	2,700	b - 158
;; · · · · · · · · · · · · · · · · · ·	Sub-Total Virginia	4,700	
Wisconsin	Truax Field Alter Munitions Facilities	<u>670</u>	b - 163
	Sub-Total Wisconsin	670	
·	SUB-TOTAL INSIDE THE UNITED STATE	ES 71,307	
	OUTSIDE THE UNITED STA	ATES	
Puerto Rico	Puerto Rico IAP  Munitions Maintenance and		
	Storage Complex Add to and alter Composite	3,800	b - 167
	Support Facility	510	b - 170
	Upgrade Security System	<u>1,350</u>	b - 173
	Sub-Total Puerto Rico	5,660	
	SUB-TOTAL OUTSIDE THE UNITED STATE	ES 5,660	

	STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 139 PAGE NO.
		SUB-TOTAL - ALL BASES	76,967	
		PLANNING AND DESIGN	4,580	b - 178
	•	UNSPECIFIED MINOR CONSTRUCTION	4,100	<b>b -</b> 181
		SUB-TOTAL - SUPPORT COSTS	8,680	
•		GRAND TOTAL	85,647	

# SUMMARY PROJECT LIST AIR NATIONAL GUARD NEW MISSION VERSUS CURRENT MISSION -- FY 1996

LOCATION	PROJECT	COST (000)	NEW OR <u>CURRENT</u>
Birmingham MAP AL	Alter KC-135 Aircraft Shops	4,400	N
Dannelly Field AL	Fire Station	1,445	C
Tuscon IAP AZ	Add to and Alter Aircraft Support Equipment Shop	600	С
Sepulveda ANGS CA	Replace Underground Fuel Storage Tanks	320	С
Buckley ANGB CO	Base Engineer Pavements and Grounds Facility Upgrade Heating Systems	450 950	. C
Glynco ANGS GA	Replace Underground Fuel Storage Tanks	320	Ç
Hunter ANGS No. 2 GA	Replace Underground Fuel Storage Tanks	400	С
Savannah IAP GA	Alter Aircraft Maintenance Shops	1,300	C·
Boise Air Terminal (Gowen Field) ID	Remove Underground Fuel Storage Tanks	320	C
Greater Peoria AP IL	Add to Aircraft Parking Apron Aircraft Deicing Facility Add to and Alter Squadron	630 400	N N
	Operations Facility	970	N
,	Alter Aerial Port Training Facility	710	N
	Alter Aircraft Maintenance Shops Add to Aircraft Maintenance Hangar	1,450 1,200	N N
McConnell AFB KS	Alter B-1 Squadron Operations Facility	800	N
Barnes MAP MA	Vehicle Maintenance Complex	2,000	С
Worcester ANG Station MA	Add to and Alter Vehicle Maintenance Facility	350	С
Selfridge ANG Base MI	Upgrade Heating Systems	2,900	С
Minneapolis St. Paul IAP MN	Aircraft Deicing Facility Upgrade Heating System	400 780	C C
Atlantic City Airport NJ	Upgrade Sanitary Water Systems	650	C

LOCATION	PROJECT	COST (000)	NEW OR CURRENT
McGuire AFB NJ	Fuel Cell and Corrosion Control Facility	5,700	N
Warren Grove Range NJ	Composite Range Operations Facility	1,100	C
Kirtland AFB NM	Alter Aircraft Maintenance Hangar and Shops Composite Engine and NDI Shop Aircraft Corrosion Control Facility LANTIRN Maintenance Facility	900 2,700 1,800 620	N N C N
Hancock Field NY	Composite Medical Training Facility	1,990	С
Niagara Falls IAP NY	Upgrade Runway Overrun Upgrade Storm and Sanitary Sewer System	1,950 400	N C
Blue Ash ANG Station OH	Replace Underground Fuel Storage Tanks	380	С
Camp Perry ANG Station OH	Replace Underground Fuel Storage Tanks	320	С
Rickenbacker ANGB OH	Replace Underground Fuel Storage Tanks	310	C
Tulsa International Airport OK	Composite Communications Facility	1,900	C .
Will Rogers World Airport <b>OK</b>	Petroleum Operations Facility Aerial Port Training Facility Composite Fire Station	400 2,550 1,950	C C C
Greater Pittsburg IAP PA	Fuel Systems Maintenance Facility	5,332	Ņ
Joe Foss Field (ANG) SD	Base Supply Complex	4,000	C
McGhee Tyson Airport TN	PMEC School Training Quarters	4,400	. C
Memphis IAP TN	Add to and Alter Base Engineer Maintenance Complex Add to and Alter Security Police Operations Facility	990	c c
Kelly Air Force Base TX	Upgrade Heating and Cooling Systems	1,400	C
Camp Pendleton MR VA	Vehicle Maintenance Complex	2,000	С
Richmond IAP VA (Byrd Field)	Add to and Alter F-16 Aircraft Maintenance Complex	2,700	N
Truax Field WI	Alter Munitions Facilities	670	С

LOCATION	PROJECT	COST (000)	NEW OR CURRENT
Puerto Rico IAP PR	Munitions Maintenance and Storage Complex	3,800	N
	Add to and Alter Composite	3,000	1,
	Support Facility	510	C
	Upgrade Security System	<u>1,350</u>	N
	PLANNING AND DESIGN	4,580	
	UNSPECIFIED MINOR CONSTRUCTION	4,100	
	TOTAL CURRENT MISSION	35,612	
	TOTAL CURRENT MISSION  GRAND TOTAL - FY 1996 REQUEST	41,355 <b>85,64</b> 7	

# DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1996

# **APPROPRIATION**

## MILITARY CONSTRUCTION, AIR NATIONAL GUARD

#### **SECTION 1**

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contribution there for, as authorized by Chapter 133 of Title 10, United States Code, and military construction authorization Acts, \$85,647,000 (\$249,056,000) to remain available until September 30, 2000 (September 30, 1999)

#### SPECIAL PROGRAM CONSIDERATIONS

#### **Pollution Abatement**

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

#### **Energy Conservation**

Military constructions projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings versus investment cost. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

#### Flood Plain Management and Wet Land Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proposed management of flood plains and the protection of wet lands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wet lands. Project planning is in accordance with the requirements of Executive Order Numbers. 11988 and 11900.

#### Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-400, provisions for physically handicapped personnel will be provide for, where appropriate, in the design of facilities included in this program.

#### **Preservation of Historical Sites and Structures**

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

#### **Environmental Protection**

In accordance with Section 102(2) (c) of the Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

#### **Economic Analysis**

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Actual economic analysis have been or will be prepared for all projects over \$2,000,000.

#### SPECIAL PROGRAM CONSIDERATIONS

(continued)

### **Reserve Manpower Potential**

The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services have reserve flying/non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

#### Potential Use of Vacant Schools and Other State and Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

#### **Construction Criteria Manual**

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

Program and Financing (in Thousands		of dollars) SUMMARY	~~		
		Budget P1 CONSTRUCT	ts ns	for MILITARY programed)	
code 57		1994 actual	1995 est.	1996 est.	1997 est.
Program by activities: Direct program: 00.0101 Major construction 00.0201 Minor construction 00.0301 Planning		226,436 4,000 10,868	229,768 4,000 14,823	76,967 4,100 4,580	76,546 4,100 4,725
00.9101 Total direct program	· · .	241,304	248,591	85,647	85,371
10.0001 Total	. <i>:</i> .	241,304	248,591	85,647	85,371
Financing:  Unobligated balance available, start of year: 21.4002 For completion of prior year budget plans 21.4009 Reprograming from/to prior year budget plans Unobligated balance available, end of year: 24.4002 For completion of prior year budget plans 25.0001 Unobligated balance expiring		-1,023	1 1 1 1 1 1 1 1 1	1 	 
39.0001 Budget authority	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	241,304	248,591	85,647	85,371
Budget authority:  40.0001 Appropriation  40.7903 Reduction pursuant to P.L. 103-307 (-)		241,304	249,056 -465	85,647	85,371
43.0001 Appropriation (adjusted)		241,304	248,591	85,647	85,371
Relation of obligations to outlays: 71.0001 Obligations incurred 72.4001 Obligated balance, start of year 74.4001 Obligated balance, end of year 77.0001 Adjustments in expired accounts (net)			·		
90.0001 Outlays (net)			]		

Mil. Con., Air National Guard Program and Financing (in Thousands of dollars) SUMMARY

Obligations

		-		1		
Identifi	Identification code 57-3830-0-1-051		1994 actual	1995 est.	1996 est.	1997 est.
00.0101 00.0201 00.0301	Program by activities: Direct program: Major construction Minor construction		253,413 4,372 14,586	215,934 4,538 15,781	133,987 4,555 10,926	117,006 4,101 6,655
00.9101	Total direct program		272,371	236,253	149,468	127,762
10.0001	Total		272,371	236,253	149,468	127,762
21.4002	Financing: Unobligated balance available, start of year: For completion of prior year budget plans		-269,723	-237,634	-249,972	-186,151
24.4009 24.4002 25.0001	reprograming from to place accepted by the composition of prior year budget plans.  For completion of prior year budget plans. Unobligated balance expiring		237,634	249,972	186,151	143,760
39.0001		 	241,304	248,591	85,647	85,371
40.0001	Budget authority: Appropriation Reduction pursuant to P.L. 103-307 (-)		241,304	249,056 -465	85,647	85,371
43.0001	Appropriation (adjusted)	, , , , , , , , , , , , , , , , , , ,	241,304	248,591	85,647	85,371
71.0001 72.4001 74.4001	Relation of obligations to outlays: Obligated balance, start of year Obligated balance, end of year Adjustments in expired accounts (net)		272,371 186,657 -228,299 77	236,253 228,299 -192,699	149,468 192,699 -82,612	127,762 82,612 -54,427
90.0001	Outlays (net)		230,805	271,853	259,555	155,947
1 1 1 1						

Mil. Con., Air National Guard Object Classification (in Thousands of dollars) SUMMARY

Identification code 57-3830-0-1-051	1994 actual	1995 est.	1996 est.	1997 est.
Direct obligations:  Other services with the private sector  Contracts with the private sector  125.203 Contracts with the private sector  132.001 Land and structures	14,422 243,632	31,660	24,320	15,775
	258,054	225,718	139,379	117,572
Allocation Accounts Other services with the private sector 325.203 Contracts with the private sector 332.001 Land and structures	164	675	644	652
	14,317	10,535	10,089	10,190
999.901 Total obligations	272,371	236,253	149,468	127,762
Obligations are distributed as follows: Defense-Military:Army Defense-Military:Navy Defense-Military:Air Force	1,135 13,182 258,054	290 10,250 225,713	329 8,260 140,879	300 9,890 117,572
Total Obligations	272,371	236, 253	149,468	127,762

1. COMPON	77 TVS	1996 GUARD AND	RESERVE		2. DATE	
ANG		ILITARY CONSTR				
	LATION AND LOCAT				4. AREA	CONSTR
BIRMINGHA	MUNICIPAL AIRP	ORT (ANG), ALA	BAMA		COST	INDEX
		` , ,			0.	77
5. FREOUE	NCY AND TYPE OF	UTILIZATION				
	nthly assemblies		days annual	field trai	ning per	
	ly use by techni					
rear, dar	ry abe by commit	014, 1010		<b>3</b> ·		
6 OTHER	ACTIVE/GUARD/RES	POWE INSTALLAT	TONS WITHIN	15 MILE RA	DIUS	• • • •
	tional Guard Arm					serve
_	cional Guard Arm	ories, 5 Army	Reserve, I m	ar the and	Mavar Ne	561 46
Center						
7. PROJEC	IS REQUESTED IN	THIS PROGRAM:	FY 1996			
CATEGORY				COST	DESIGN	STATUS
CODE	PROJECT	TITLE	SCOPE	(\$000)	START	CMPL
217-712	ALTER KC-135 AIR	CRAFT SHOPS	68,100 s	F 4,400	DEC 91	MAY 9
					_	
		-				
		•				
	•	-	•			
8. STATE						
	RESERVE FORCES F	ACILITIES BOAF	RD RECOMMENDA	TION ·		• '
	RESERVE FORCES F		RD RECOMMENDA	TION	21 JUL	94
	RESERVE FORCES F lateral Construc		RD RECOMMENDA	TION	21 JUL (Dat	
Uni	lateral Construc	tion Approved	•	TION	21 JUL (Dat	
Uni		tion Approved	*	·		e)
Uni 9. LAND A	lateral Construc	RED	None	·	(Dat	e)
Uni 9. LAND A	lateral Construc	RED	None	(N	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY	lateral Construc CQUISITION REQUI CTS PLANNED IN N	RED EXT FOUR YEARS	None	COST	(Dat	e)
Uni 9. LAND A 10. PROJE	lateral Construc	RED EXT FOUR YEARS	None	(N	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE	lateral Construc CQUISITION REQUI CTS PLANNED IN N PROJECT	TITLE	None SCOPE	(N COST (\$000)	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE	lateral Construc CQUISITION REQUI CTS PLANNED IN N PROJECT JOINT MEDICAL TR	tion Approved  RED  EXT FOUR YEARS  TITLE  AINING	None	(N COST (\$000)	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A	TITLE AINING RED	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None SCOPE	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE 171-450	lateral Construc  CQUISITION REQUI  CTS PLANNED IN N  PROJECT  JOINT MEDICAL TR  FACILITY (ANG/A  BASE ENGINEER AN	tion Approved RED EXT FOUR YEARS TITLE AINING RNG) D DISASTER	None  SCOPE  22,500 S	COST (\$000) F 2,200	(Dat	e)

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	N AND LOCATION	
BIRMINGHAM MUN	ICIPAL AIRPORT (ANG), ALABAMA	

11. PERSONNEL STRENGTH AS OF 21 JUL 94

	PERMANENT					GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	316	6	46	264	975	120	855
ACTUAL	287	7	42	238	1,085	146	939

12. RESERVE UNIT DATA

DNII DAI	A		STRENGTH			
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL		
106	REF SQ		69	112		
117	REF WG		55	50		
117	MSS SQ		34	32		
117	MNT SQ		236	316		
117	TAC HP		50	46		
117	LOG SQ		107	99		
117	CE SQ		129	123		
117	SP SQ		75	58		
117	COMMFL		41	46		
117	OPS GP		6	4		
117	INT SQ		82	78		
117	SER FT	<i>:</i>	30	32		
117	STU FT		0 '	39		
117	TAC OL	•	6	6		
117	LOG GP		12	17		
117	OPS FT		38	22		
117	SPT GP		5	5		
		TOTALS	975	1,085		

13.	MAJOR	EOUIPMENT	AND	AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135R Aircraft	9	. 9
Support Equipment	103	55
Vehicle Equivalents	330	300

1. COMPONENT									2.	DAT	<u></u>
1. COMPONENT	FY 1996 MILITARY CONSTRUCTION				PRO	JECT	DATA	۱	2.	<b></b>	
ANG (computer generat											
						JECT !	TITLE				
BIRMINGHAM IN	ITERNA!	TIONAL AIRPORT AL	ABAMA	ALT	ER I	(C-13	5 AII	RCRAFT	r sh	OPS	3
		6. CATEGORY CODE									
51411F		217-712	BRKI	3919	594				Ş	4,4	100
		9. COS	r ESTIMA	ATES							
								UNIT	1		COST
		ITEM			U/M	QUAN'	TITY	cos	ר	( \$	(000
ALTER AIRCRA	T SHO	PS .			SF	68,	100				3,429
GENERAL PUR	RPOSE 1	MAINTENANCE SHOP			SF	21,0			50	•	1,080)
AVIONICS AN	ID SUR	VIVAL EQUIPMENT S	HOP .	1	SF	10,			60	•	•
ORGANIZATIO	ONAL M	AINTENANCE SHOP			SF		000		45	,	360)
WEAPON SYST	rems m	AINTENANCE MANAGE	MENT		SF		400		45	•	333)
SECURITY PO	DLICE A	AND PHYSICAL FITN	ESS .	ŀ	SF		300		50	•	340)
ENGINE AND				- 1	SF		500		60	(	390)
-		A/V, AND OPS AND	TRNG		SF	7,	100		40	(	284)
SUPPORTING FA											560
PRE-WIRED WORK STATIONS AND UTILITIES					LS					(_	. 560)
SUBTOTAL											3,989
CONTINGENCY	• •									-	199
TOTAL CONTRAC		_									4,188
•		CTION AND OVERHEAD	D (5%)							_	209
TOTAL REQUEST											4,397

10. Description of Proposed Construction: Convert hangar bays into shop areas. Rearrange and construct interior walls. Relocate, upgrade and extend utility systems. Provide fire protection and other exterior support.

Air Conditioning: 200 Tons.

TOTAL REQUEST (ROUNDED)

11. REQUIREMENT: 68,100 SF ADEQUATE: 0 SUBSTANDARD: 64,450 SF PROJECT: Alter KC-135 Aircraft Shops (New Mission).

REQUIREMENT: The base requires adequately sized and properly configured aircraft shops and related administrative areas to support the conversion from RF-4C's to KC-135 aircraft.

CURRENT SITUATION: The base has grossly insufficient hangars and shops to support the KC-135 operations and training requirements. Hangars and aircraft shops are configured to support RF-4C aircraft operations. The RF-4C is a much smaller jet with significantly different facility requirements and shop configurations. To support the conversion to KC-135 aircraft, Hangar 140 was demolished to make way for a new aircraft maintenance hangar and a fuel cell/corrosion control dock. The shops in Hangar 140 were also demolished. The bays in Hangars 141, 142, and 30 are too small to support KC-135 aircraft. The hangars are structurally sound and vacant. The most cost effective solution to satisfy the requirement for aircraft shops is to convert the undersized bays in these hangars into shop space. Temporary workarounds are being used. These include: shipping parts to other locations; the use of leased commercial space on the opposite side of the runway; doing the work on the ramp, weather permitting.

IMPACT IF NOT PROVIDED: Unable to properly maintain the aircraft.

Adverse impact on the unit's training and its ability to maintain mission

4,400

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJEC	2. DATE
ANG	(computer generated)	
3. INSTALLATION	N AND LOCATION	
BIRMINGHAM INT	ERNATIONAL AIRPORT ALABAMA	
4. PROJECT TIT	Œ	5. PROJECT NUMBER
ALTER KC-135 A	RCRAFT SHOPS	BRKR919594

readiness. Unable to reach full operational capability.

ADDITIONAL: A life cycle economic analysis has been performed comparing all reasonable options for accomplishing this project. The analysis indicates that alteration is the most economical alternative.

	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	
NG INSTAL	(computer generated)  ATION AND LOCATION	
. 111011112		
IRMINGHA	I INTERNATIONAL AIRPORT ALABAMA	
. PROJEC	TITLE 5	. PROJECT NUMBER
		<b>*********</b>
LTER KC-	35 AIRCRAFT SHOPS	BRKR919594
2. SUPP	LEMENTAL DATA:	
Z. BUFF.	BEBRIED DAIN.	
a. Est	imated Design Data:	
(1)	Status:	
` '	(a) Date Design Started	91 DEC 18
	(b) Percent Complete as of Jan 95	70%
	(c) Date 35% Designed	94 AUG 18
	(d) Date Design Complete	95 MAY 15
(2)	Basis:	,
(2)	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
		·
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$000
	(a) Production of Plans and Specifications	200
	(b) All Other Design Costs	115
	(c) Total	315
	(d) Contract	315
*	(e) In-house	•
(4)	Construction Start	. 96 MAR
(-/		
		£
	ment associated with this project will be provided	from
	ment associated with this project will be provided copriations: N/A	from
		from

	IENT FY 1996 GUARD AND			2. DATE	
ANG	MILITARY CONSTR	RUCTION			
	LLATION AND LOCATION FIELD AIR NATIONAL GUARD, ALAS	PAWA		4. AREA	
ANNELLI	FIELD AIR NATIONAL GUARD, ALAR	SAMA			INDEX
PRECUI	ENCY AND TYPE OF UTILIZATION			0.	/4
year, da	onthly assemblies per year, 15 ily use by technician/AGR force	e and for trai	ning.	. :	
<b>Active</b>	ACTIVE/GUARD/RESERVE INSTALLAR AFB, 1 Marine Reserve, 1 Naval Guard Units and 2 Air National	l Reserve, 3 A			rmy
	CTS REQUESTED IN THIS PROGRAM:	FY 1996			
CODE	PROJECT TITLE	SCOPE	(\$000)	DESIGN START	CMPL
730-142	FIRE STATION	10,600 SF	1,445	DEC 92	FEB 9
	RESERVE FORCES FACILITIES BOAI	•	NOI.		
	ilateral Construction Approved	a	•	21 JUL (Dat	
9. LAND	ACQUISITION REQUIRED	None	<u>(N</u>	Number of	Acres
	ECTS PLANNED IN NEXT FOUR YEAR:	S			
CATEGORY		•	COST		
0000	DDA TOAM MINT	~~~~			
CODE	PROJECT TITLE	SCOPE	(\$000)		
	PROJECT TITLE  OPERATIONS AND TRAINING FACILITY	20,000 SF			
171-445	OPERATIONS AND TRAINING	20,000 SF	3,900		
171-445 171-450	OPERATIONS AND TRAINING FACILITY MEDICAL TRAINING AND SECURITY	20,000 SF 24,800 SF	3,900	·	
171-445 171-450 216-642	OPERATIONS AND TRAINING FACILITY MEDICAL TRAINING AND SECURITY POLICE FACILITY MUNITIONS COMPLEX AND AIRCRAFT	20,000 SF 24,800 SF	3,900 2,000 4,500		
171-445 171-450 216-642	OPERATIONS AND TRAINING FACILITY MEDICAL TRAINING AND SECURITY POLICE FACILITY MUNITIONS COMPLEX AND AIRCRAFT SUPPORT EQUIPMENT SHOP UPGRADE SUPPLY AND CIVIL	20,000 SF 24,800 SF T 25,200 SF	3,900 2,000 4,500		
171-445 171-450 216-642	OPERATIONS AND TRAINING FACILITY MEDICAL TRAINING AND SECURITY POLICE FACILITY MUNITIONS COMPLEX AND AIRCRAFT SUPPORT EQUIPMENT SHOP UPGRADE SUPPLY AND CIVIL	20,000 SF 24,800 SF T 25,200 SF	3,900 2,000 4,500		

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	ON AND LOCATION	
DANNELLY FIELD	AIR NATIONAL GUARD, ALABAMA	

# 11. PERSONNEL STRENGTH AS OF 20 JUN 94

	PERMANENT					GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	282	8	43	231	1,041	106	935
ACTUAL	272	7	42	223	1,009	97	912

### 12. RESERVE UNIT DATA

STREE		GTH		
UNIT DESIGNATION			AUTHORIZED	ACTUAL
160	FS SQ		50	53
187	MSS SQ		80	71
187	CLINIC		31	32
187	GP HQ		57	58
187	CAM		461	397
187	CE SQ		127	114
187	WSSF		57	58
187	RMS		121	113
187	COM FT		20	20
187	MSS		37	36
187	STU FT		0	57
	٠.	TOTALS	1,041	1,009

# 13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	25
Support Equipment	194	225
Vehicle Equivalents	120	120

2. DATE 1. COMPONENT PY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE DANNELLY FIELD AIR NATIONAL GUARD FIRE STATION ALABAMA 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 730-142 FAKZ000419 1,445 55296F 9. COST ESTIMATES COST UNIT U/M QUANTITY COST (\$000) ITEM 1,166 10,600 110 FIRE STATION 144 SUPPORTING FACILITIES 55) LS UTILITIES 85) LS **PAVEMENTS** LS 4) SITE IMPROVEMENTS 1,310 SUBTOTAL 66 CONTINGENCY (5%) TOTAL CONTRACT COST 1.376 69 SUPERVISION, INSPECTION AND OVERHEAD (5%) 1,445 TOTAL REQUEST 1.445 TOTAL REQUEST (ROUNDED) Description of Proposed Construction: Concrete foundation and floor slab, steel framed masonry walls and built-up roof. All necessary utilities, access pavements, site improvements and support. Air Conditioning: 10 Tons. REQUIREMENT: 10,600 SF ADEQUATE: 0 SUBSTANDARD: 2,500 SF PROJECT: Fire Station (Current Mission). REQUIREMENT: The base requires an adequately sized and properly configured facility to support fire and crash/rescue operations. This includes apparatus bays, storage space, extinguisher maintenance shop, kitchen and dining area, control room, classroom and administrative areas, and bunkrooms for 24 hour operations. CURRENT SITUATION: The 1953 vintage fire station is deteriorated beyond economic repair and is much too small to properly accommodate the fire protection vehicles which cannot fit into the undersized apparatus bays.

	1. COMPONENT FY 1996 MILITARY CONSTRUCTION	PROJECT DATA	2. DATE
	ANG (computer generated	d)	
	3. INSTALLATION AND LOCATION  DANNELLY FIELD AIR NATIONAL GUARD ALABAMA		
-	4. PROJECT TITLE	5. PRO	DJECT NUMBER
	FIRE STATION	FAI	KZ000419

facility does not represent a quality living, work or training space. Upon completion of this project, Building 1205 at 2,500 SF will be demolished.

IMPACT IF NOT PROVIDED: Fire fighting apparatus remains exposed to the weather and accelerates deterioration. Health and safety hazards continue. Hardship on the overall fire protection operations which jeopardizes crash/rescue and fire fighting capabilities.

. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DA	2. DATE
ANG	(computer generated)	
. INSTALLATI	ON AND LOCATION	
ANNETT V FTET	D AIR NATIONAL GUARD ALABAMA	
. PROJECT TI		5. PROJECT NUMBER
FIRE STATION		FAKZ000419
l2. SUPPLEME	NTAL DATA:	
a. Estimat	ed Design Data:	
(1) St	atus:	
	Date Design Started	92 DEC 01
	Percent Complete as of Jan 95	95% 93 JUL 26
	Date 35% Designed Date Design Complete	93 JUL 26 95 FEB 15
(α)	pare peardu combiece	, , , , , , , , , , , , , , , , , , ,
(2) Ba	sis:	
	Standard or Definitive Design -	NO
(þ)	Where Design Was Most Recently Used -	N/A
(3) To	tal Cost (c) = (a) + (b) or (d) + (e):	(\$000
	Production of Plans and Specifications	64
	All Other Design Costs	43
	Total	107
	Contract	107
· (e)	In-house	•
(4) Co	nstruction Start	⁴ 96 MAF
	•	
	•	
o. Equipment	associated with this project will be provid	ed from
other appropr		•

1. COMPONE	ENT	FY 1996 GUARD			2. DATE	
ANG		MILITARY CON	STRUCTION		<u> </u>	
		AND LOCATION			4. AREA	
TUCSON IN	TERNATIO	ONAL AIRPORT, ARIZON				INDEX
					1 0.	96
		TYPE OF UTILIZATION		-3 61-33		
		ng Assemblies per mon	<del>-</del>			g per
year, dail	ly use	by technician/AGR for	rce and for pilo	t trainin	ıg.	
6. OTHER A	ACTIVE/	GUARD/RESERVE INSTAL	LATIONS WITHIN 1!	5 MILE RA	DIUS	
1 Air Ford	ce Base	, 1 Naval Reserve Un:	it, 1 Army Reserv	ve Unit,	1 Army	
National G	Guard U	nit, 1 Air Force Rese	erve Unit			
	rs requi	ESTED IN THIS PROGRAM	4: FY 1996			
CATEGORY				COST	DESIGN	STATUS
CODE		PROJECT TITLE	SCOPE	(\$000)	START	CMPL
218-712 <i>P</i>		AND ALTER AIRCRAFT	10,000 SF	600	NOV 91	FEB 94
	SUPPOR!	r EQUIPMENT SHOP			•	
· 4:		r EQUIPMENT SHOP				
+ <del>1</del> 1		r EQUIPMENT SHOP				
· · · · · · · · · · · · · · · · · · ·		FORCES FACILITIES BO		·		· ·
8. STATE F	RESERVE		DARD RECOMMENDAT	ION	13 MAY	94
8. STATE F	RESERVE	FORCES FACILITIES BO	DARD RECOMMENDAT	ION	13 MAY (Dat	
8. STATE F Unil	RESERVE la <b>t</b> eral	FORCES FACILITIES BO	DARD RECOMMENDAT	ION		
8. STATE F Unil 9. LAND AC	RESERVE lateral CQUISIT:	FORCES FACILITIES BO Construction Approve	DARD RECOMMENDATE			e)
8. STATE F Unil 9. LAND AC	RESERVE lateral CQUISIT:	FORCES FACILITIES BO	DARD RECOMMENDATE		(Dat	e)
8. STATE F Unil 9. LAND AC	RESERVE lateral CQUISIT:	FORCES FACILITIES BO Construction Approve	DARD RECOMMENDATE		(Dat	e)
B. STATE F Unil D. LAND AC	RESERVE lateral CQUISIT:	FORCES FACILITIES BO Construction Approve	DARD RECOMMENDATE	(N	(Dat	e)
8. STATE F Unil 9. LAND AC 10. PROJECTATEGORY	RESERVE lateral CQUISIT:	FORCES FACILITIES BO Construction Approve ION REQUIRED	None  SCOPE	COST (\$000)	(Dat	e)
8. STATE F Unil 9. LAND AC 10. PROJEC CATEGORY CODE	RESERVE lateral CQUISIT:	FORCES FACILITIES BO Construction Approve ION REQUIRED	DARD RECOMMENDATE  ed  None	COST (\$000)	(Dat	e)
8. STATE F Unil 9. LAND AC 10. PROJEC CATEGORY CODE 442-758 U	RESERVE lateral CQUISIT: CTS PLAN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE	None  SCOPE	COST (\$000)	(Dat	e)
3. STATE F Unil  3. LAND AC  10. PROJECT CATEGORY CODE  142-758 U	RESERVE lateral CQUISIT: CTS PLAN UPGRADE MAINTEN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE SUPPLY AND VEHICLE	None  SCOPE	COST (\$000) 4,000	(Dat	e)
3. STATE F Unil  3. LAND AC  10. PROJECT CATEGORY CODE  142-758 U	RESERVE lateral CQUISIT: CTS PLAN UPGRADE MAINTEN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE SUPPLY AND VEHICLE NANCE COMPLEX	None SCOPE 83,300 SF	COST (\$000) 4,000	(Dat	e)
B. STATE F Unil D. LAND AC OTTO PROJECT CATEGORY CODE  442-758	RESERVE lateral CQUISIT: CTS PLAN UPGRADE MAINTEN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE SUPPLY AND VEHICLE NANCE COMPLEX	None SCOPE 83,300 SF	COST (\$000) 4,000	(Dat	e)
8. STATE F Unil 9. LAND AC 10. PROJEC CATEGORY CODE 442-758 U	RESERVE lateral CQUISIT: CTS PLAN UPGRADE MAINTEN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE SUPPLY AND VEHICLE NANCE COMPLEX	None SCOPE 83,300 SF	COST (\$000) 4,000	(Dat	e)
8. STATE F Unil 9. LAND AC 10. PROJEC CATEGORY CODE 442-758 U	RESERVE lateral CQUISIT: CTS PLAN UPGRADE MAINTEN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE SUPPLY AND VEHICLE NANCE COMPLEX	None SCOPE 83,300 SF	COST (\$000) 4,000	(Dat	e)
8. STATE F Unil 9. LAND AC 10. PROJEC CATEGORY CODE 442-758 U	RESERVE lateral CQUISIT: CTS PLAN UPGRADE MAINTEN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE SUPPLY AND VEHICLE NANCE COMPLEX	None SCOPE 83,300 SF	COST (\$000) 4,000	(Dat	e)
8. STATE F Unil 9. LAND AC 10. PROJEC CATEGORY CODE 442-758 U	RESERVE lateral CQUISIT: CTS PLAN UPGRADE MAINTEN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE SUPPLY AND VEHICLE NANCE COMPLEX	None SCOPE 83,300 SF	COST (\$000) 4,000	(Dat	e)
8. STATE F Unil 9. LAND AC 10. PROJEC CATEGORY CODE 442-758	RESERVE lateral CQUISIT: CTS PLAN UPGRADE MAINTEN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE SUPPLY AND VEHICLE NANCE COMPLEX	None SCOPE 83,300 SF	COST (\$000) 4,000	(Dat	e)
B. STATE F Unil D. LAND AC OTTO PROJECT CATEGORY CODE  442-758	RESERVE lateral CQUISIT: CTS PLAN UPGRADE MAINTEN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE SUPPLY AND VEHICLE NANCE COMPLEX	None SCOPE 83,300 SF	COST (\$000) 4,000	(Dat	e)
3. STATE F Unil  3. LAND AC  10. PROJECT CATEGORY CODE  142-758 U	RESERVE lateral CQUISIT: CTS PLAN UPGRADE MAINTEN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE SUPPLY AND VEHICLE NANCE COMPLEX	None SCOPE 83,300 SF	COST (\$000) 4,000	(Dat	e)
B. STATE F Unil D. LAND AC OTTO PROJECT CATEGORY CODE  442-758	RESERVE lateral CQUISIT: CTS PLAN UPGRADE MAINTEN	FORCES FACILITIES BO Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE SUPPLY AND VEHICLE NANCE COMPLEX	None SCOPE 83,300 SF	COST (\$000) 4,000	(Dat	e)

1.	COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
	ANG	MILITARY CONSTRUCTION	
3.	INSTALLATION AND	LOCATION	

TUCSON INTERNATIONAL AIRPORT, ARIZONA

# 11. PERSONNEL STRENGTH AS OF 10 AUG 94

		PERMANENT			GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	1,017	89	915	13	1,664	175	1,489
ACTUAL	814	82	719	13	1,483	145	1,338

### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
162	HQTRS		66	58
162	OPS GP		19	19
195	OPS SQ	•	33	28
152	OPS SQ		24	20
148	OPS FT		51	41
162	oss		35	28
162	LOG GP		35	. 32
162	MNT SQ		832	732
162	LOG SQ		150	133
162	SPT GP		· 7	. 7
162	SVS FT		39	38
162	CES		158	149
162	MSSQ		84	85
162	COM FT		58	48
162	MED SQ	*	73	65
	_	TOTALS	1,664	1,483

# 13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
A-16 A/B Aircraft	71	71
C-26 Aircraft	1	1
Support Equipment	· 198	206
Vehicle Equivalents	475	475

1. COMPONENT	,		2. DATE
F:	Y 1996 MILITARY CO	ONSTRUCTION PROJECT	DATA
ANG .	(compute	er generated)	
3. INSTALLATION AND	LOCATION	4. PROJECT	FITLE
		ADD TO AND A	ALTER AIRCRAFT
TUCSON INTERNATION	AL AIRPORT ARIZONA	SUPPORT EQUI	IPMENT SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)
55296P	218-712	YHEA001432	\$600

9. COST ESTIMATES UNIT COST (\$000) ITEM U/M QUANTITY COST ADD TO AND ALTER AIRCRAFT SUPPORT 10,000 500 SF EOUIPMENT SHOP 70 (350) ADDITION TO AGE SHOP SF 5,000 5,000 30 (150)ALTER AGE SHOP SF 40 SUPPORTING FACILITIES 25) LS PAVEMENTS 10) LS UTILITIES LS 5) SITEWORK 540 SUBTOTAL CONTINGENCY (5%) 27 567 TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) 28 595 TOTAL REQUEST 600 TOTAL REQUEST (ROUNDED)

10. Description of Proposed Construction: Addition: concrete foundation and floor slab, concrete block walls and roof structure. Exterior to match existing. Alteration: interior rearranging of the walls and utility systems.

Air Conditioning: 10 Tons.

11. REQUIREMENT: 10,000 SF ADEQUATE: 0 SUBSTANDARD: 4,533 SF PROJECT: Add to and Alter Aircraft Support Equipment Shop (Current Mission).

REQUIREMENT: The base requires a properly sized and configured facility to support inspection, maintenance, repair, and servicing of powered ground support equipment in support of the F-16 aircraft. Functional areas include: maintenance bays, tool crib, storage, battery shop, administrative area, paved equipment parking, wash, and paint areas. CURRENT SITUATION: The shop is not a quality work place. It is grossly undersized, poorly configured and not properly sited. The building is less then 50% of the required size. There is insufficient space for the maintenance and storage of the equipment. There is inadequate space for office and tool storage. The facility is located away from the aircraft parking ramp area in a remote part of the base. The equipment must be transported constantly across the base from the ramp to the AGE maintenance facility on a narrow and congested road. Training opportunities and excessive time are lost in the transportation mode. does not make operational sense to upgrade the existing shop when space is partially available in Building 32, a vacant general purpose shop. The facility requires some upgrade to make it useable and is properly sited. This will allow the shop to be demolished and the site cleared. The demolition of this facility is important as the site is master planned for

1. COMPONENT			2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT	DATA	
ANG	(computer generated)		
	ON AND LOCATION ATIONAL AIRPORT ARIZONA		
4. PROJECT TIT	TLE	5. PRO	DJECT NUMBER
ADD TO AND ALT	TER AIRCRAFT SUPPORT EQUIPMENT SHOP	хн	EA001432

future construction of munitions maintenance and weapons release facilities in accordance with the approved master development plan. Upon completion of this project, Building 48 at 3,420 SF will be demolished.

IMPACT IF NOT PROVIDED: Facility cannot meet the needs of proper maintenance of support equipment for mission accomplishment. Work arounds continue to be utilized, seriously degrading the effectiveness of maintenance and training. Construction of a new munitions storage complex and a weapons release facility is delayed until the function can be permanently relocated. Lost training opportunities.

1. COMPONE			2. DATE
NG	FY 1996 MILITARY CONSTRUCTION PROJECT D (computer generated)	PATA	
. INSTALL	TION AND LOCATION	•	
UCSON INTE	RNATIONAL AIRPORT ARIZONA		
. PROJECT		5. PR	OJECT NUMBER
DD	ALTER AIRCRAFT SUPPORT EQUIPMENT SHOP	Y	EA001432
TO AND	ALIER AIRCRAFT SUFFORT EQUIPMENT SHOP		111001402
.2. SUPPLI	MENTAL DATA:		
a. Estir	nated Design Data:		
(1)	Status:		
, ,	a) Date Design Started		91 NOV 26
	b) Percent Complete as of Jan 95		100%
	c) Date 35% Designed		93 APR 15
	d) Date Design Complete		94 FEB 15
(2)	Basis:		•
	a) Standard or Definitive Design -	•	NO
	b) Where Design Was Most Recently Used -		N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	•	(\$000
	(a) Production of Plans and Specifications		30
	b) All Other Design Costs		22
	c) Total		52
	d) Contract		52
	e) In-house	•	
(4)	Construction Start		96 MAF
			•
		-	
	ent associated with this project will be provi	ided fro	om
cner appro	opriations: N/A		
•			
	·		
	\$		

	,				
1. COMPONENT ANG	FY 1996 GUARD AND MILITARY CONSTRU			2. DATE	
3. INSTALLATIO	N AND LOCATION NAT'L GUARD STATION CALIFO				INDEX
				1.	24
Four unit trai	ND TYPE OF UTILIZATION ning assemblies per month, echnician force, and for t		nual train	ing per	year,
Los Angeles AF	VE/GUARD/RESERVE INSTALLATI 'Station; Army National Gueserve, 1 unit, Marine Rese	ard, 2 unit	s; Army Re	serve, 2	
7. PROJECTS RE	QUESTED IN THIS PROGRAM:	FY 1996			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	STATUS CMPL
	ACE UNDERGROUND FUEL	. L	s 320	JUN 93	MAY 9
. · · ·					
8. STATE RESER	RVE FORCES FACILITIES BOARD	RECOMMENDA	TION		
Unilater	al Construction Approved	•		23 MAF (Dat	
9. LAND ACQUIS	SITION REQUIRED	None			
10 PPOIECTS E	PLANNED IN NEXT FOUR YEARS		( N	lumber of	Acres
CATEGORY	TARRED IN REAL POOR IDING		COST		
CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	٠	•
	UNICATIONS AND ELECTRONICS	22,600 S	F 3,950		
	LY AND CIVIL ENGINEER	10,600 S	F 1,800		

. COMPONENT			GUARD AND			2. DA	TE		
ANG . INSTALLATIO	ON AND		ARY CONSTR	JCTION					
EPULVEDA AIR			TION CALIF	ORNIA					
1. PERSONNEL	STRENG	TH AS OF	1 SEP 94						
		PER	MANENT			GUARD/RESERVE			
	TOTAL	OFFICER		CIVILIAN		OFFICER	ENLIST		
AUTHORIZED	27	1	24	2	152	8	14		
ACTUAL	26	1	23	2	144	8	13		
2. RESERVE UI	NIT DAT	'A			STRENGTH				
1	JNIT DE	SIGNATIÓN	ī	AUTHORIZE		ACTUAL			
<del>-</del>			•						
	261	cc sq		152		144			
			TOTALS	152		144			
				•			•		
•									
					•				
•									
					•				
				•		•			
					•				
•									
						•			
	•								
l3. MAJOR EQU	IPMENT	AND AIRCE	RAFT				<u></u>		
<u>T</u>	YPE			AUTHORIZI	<u>ED</u>	ASSIGNED			
				35		35			
Support Equip	ment			35		33			

4. AREA CONSTR
COST INDEX
1.02

#### 5. FREQUENCY AND TYPE OF UTILIZATION

Normal tenant organization admin 5 days/week; Weekend unit tng assemblies 2/3 day weekends one weekend/month tenant organization; 1 evening/week "Open House", physical fitness and administration for each tenant organ; Band practice 1 day/month, schedules ensembles practice one day/week.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 400 Person Armory, Aurora, 3 Miles; Fitzsimmons, Denver, 6 Miles; Navy (Navy, Marines, Coast Guard) Reserve Center, Aurora, 1/2 Mile; 4 ARNG Armories, Army Aviation Support Facility, Organization Maintenance Facility, USAR Armories, Denver, 4 and 6 Miles.

7. PROJE	CTS REQUESTED IN THIS PROGRAM:	FY 1996			
CATEGORY	•		COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL
219-943	BASE ENGINEER PAVEMENTS AND GROUNDS FACILITY	3,400 SF	450	FEB 92	FEB 94
821-115	UPGRADE HEATING SYSTEMS	LS	950	OCT 93	JUN 95

8	. STATE	RESERVE	FORCES	FACILITIES	BOARD	RECOMMENDATION			
	Uni	ilateral	Constru	ction Appro	oved		<u>15</u>	FEB	94
							(	Date	≥)

9. LAND ACQUISITION REQUIRED	None				
		•	(Number	of	Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY		COST		•	
CODE PROJECT TITLE	SCOPE	(\$000	Ĺ		
131-111 ADD TO AND ALTER COMMUNICATION FACILITY	11,200 SF	82	0		
216-642 MUNITIONS MAINTENANCE AND STORAGE COMPLEX	20,200 SF	4,35	0 .		
832-266 UPGRADE SANITARY SEWER SYSTEM	LS	31	0		
851-147 UPGRADE BASE INFRASTRUCTURE	LS	10,00	0		
871-183 UPGRADE BASE DRAINAGE SYSTEM	LS	1,00	0		

. COMPONENT		FY 1996	GUARD AND	RESERVE		2. DA	TE
ANG			ARY CONSTR	UCTION			
. INSTALLATI							
UCKLEY AIR N	ATIONAL	GUARD BA	SE, COLORA	DO	•		
1. PERSONNEL	STRENG	TH AS OF	18 AUG 94				
			MANENT			GUARD/RES	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTE
AUTHORIZED	732	63	439	230	1,571	229	1,342
ACTUAL	718	74	377	267	1,509	225	1,284
2. RESERVE U	NIT DAT	A					
					TRENGT	<del></del>	
	UNIT DE	SIGNATION	<u>.</u>	AUTHORIZE	<u>D</u>	ACTUAL	
	240	CEF FT		33		35	
	140	LOG GP		16	•	17	
	140	OPS GP		3		3	
	140	MSS FT		34		37	
	120	FTS SQ		42		46	
	140	SVS FT		34		31	
	140	TAC HP		73		6.6	*
	140	MSS SQ		34		37	
	140	CAM MT		435		391	
	140	FTW WG		49		48	
	140	COM FT		37		41	
	120	WEA FT		20		19	
	140	CES SQ		134	•	127	
	154	ACG GP		. 131		124	
	227	ATC FT		69		62	
	138	ACS SQ		121		106	•
	140	SP FT		57		59	
	140	SPT GP		5		4	
	140	OSF		22		33	
	140	LG SQ		107		104	
	8140	STU FT		0		1	
	200	AS		82		85	•
	HQ	CO ANG		33		33	
			TOTALS	1,571		1,509	
							•
3. MAJOR EQU	IPMENT	AND AIRCE	RAFT				
<u>T</u>	YPE			AUTHORIZE	<u>D</u>	ASSIGNED	

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	26
T-43A Aircraft	2	2
Support Equipment	235	250
Vehicle Equivalents	751	861

1. COMPONENT

FY 1996 MILITARY CONSTRUCTION PROJECT DATA

ANG

(computer generated)

3. INSTALLATION AND LOCATION

BUCKLEY AIR NATIONAL GUARD BASE COLORADO

PROJECT TITLE

BASE ENGINEER PAVEMENTS

AND GROUNDS FACILITY

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)

55296F 219-943 CRWU919737 \$450

9. COST ESTIMA	res			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
BASE ENGINEER PAVEMENTS/GROUNDS FACILITY	SF	3,400	85	289
SUPPORTING FACILITIES				120
UTILITIES	LS			( 20)
PAVEMENTS	LS			( 50)
SITE IMPROVEMENTS	LS			( 15)
PRE-WIRED WORK STATIONS	LS			( <u>35</u> )
SUBTOTAL				409
CONTINGENCY (5%)				20
TOTAL CONTRACT COST				429
SUPERVISION, INSPECTION AND OVERHEAD (5%)				21
TOTAL REQUEST .				450
TOTAL REQUEST (ROUNDED)				450
•				
			,	

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls, and roof system. All utilities, pavements, site improvements, and support.

Air Conditioning: 10 Tons.

11. REQUIREMENT: 3,400 SF ADEQUATE: 0 SUBSTANDARD: 400 SF PROJECT: Base Engineer Pavements and Grounds Facility (Current Mission). REQUIREMENT: The Air National Guard is the host at Buckley for the active duty Air Force, Navy Reserves, and Army National Guard. The base requires an adequately sized and properly configured facility that will house the equipment and people necessary for base snow removal and all other daily airfield roads and grounds activities. Functional areas include offices, classroom, material storage, and vehicle storage.

CURRENT SITUATION: The base engineer pavements and grounds section operate from a small temporary building and an outside storage area. Shop and storage areas are almost non-existent. The available area is poorly configured, cluttered and inefficient. The crews must work outside to maintain the equipment. An area for inside training does not exist. Equipment deterioration is accelerating due to exposure to the weather elements. Vehicle failure during sub-zero temperatures has substantially increased and has negatively impacted the snow removal and base support operations. Upon completion of this project, Building 720 at 400 SF will be demolished.

IMPACT IF NOT PROVIDED: Continued deterioration of the equipment will adversely affects the personnel and the mission capability. Increased cost for equipment maintenance and reduced ability to support the flying mission. Very inefficient operation. Forced outside work can lead to personal injuries.

		NT	FY 1996 MILITARY CONSTRUCTION PROJECT DA	ATA	
NG			(computer generated)	·	
. INS	STALL	ATIO	N AND LOCATION		
UCKLE	EY AI	R NA	TIONAL GUARD BASE COLORADO		
. PRO	JECT	TIT	LE	5. PRO	JECT NUMBER
ASE I	ENGIN	EER	PAVEMENTS AND GROUNDS FACILITY	CRV	vu919737
.2. 5	זקקווצ	EMEN	TAL DATA:		
			d Design Data:		
	(1)	Sta	tus: Date Design Started		92 FEB 05
		(4) (b)	Percent Complete as of Jan 95		100%
		(0)	Date 35% Designed		93 AUG 11
		(d)	Date Design Complete		94 FEB 05
	(2)	Bas	is:		
	(-,	(a)	Standard or Definitive Design -		NO
		(b)	Where Design Was Most Recently Used -		N/A
	(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):		(\$000
	. ,	(a)	Production of Plans and Specifications		22
		(b)	All Other Design Costs		8
		(c)			30
			Contract		30
			In-house	•	
	(4)	Cor	nstruction Start		96 APR
	(4)	Cor	nstruction Start		96 APR
	(4)	Cor	nstruction Start		96 APR
). E				ded fro	
	quip	ment	associated with this project will be providentions: N/A	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	
	quip	ment	associated with this project will be provide	ded fro	

1. COMPONENT			2. DATE
	FY 1996 MILITARY C	ONSTRUCTION PROJECT	DATA
ANG	(comput	er generated)	
3. INSTALLATION A	ND LOCATION	4. PROJECT	TITLE
BUCKLEY AIR NATIO	NAL GUARD BASE COL	ORADO UPGRADE HEA	TING SYSTEMS
5. PROGRAM ELEMEN	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)
55256F	821-115	CRWU939853	\$950
	9. COS	T ESTIMATES	

9. COST ESTIMAT	ES			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
UPGRADE HEATING SYSTEMS	LS			760
SUPPORTING FACILITIES				100
UTILITIES	LS			( 50
PAVEMENTS	LS			( 30
SITE IMPROVEMENTS	LS			(20
SUBTOTAL	.			860
CONTINGENCY (5%)				43
TOTAL CONTRACT COST				903
SUPERVISION, INSPECTION AND OVERHEAD (5%)	Ì			45
TOTAL REQUEST				948
TOTAL REQUEST (ROUNDED)				950
•		:		
		1	•	
				,
			•	

- 10. Description of Proposed Construction: Shutdown of the existing steam distribution system serving the eleven buildings on the east side of the base requires the installation of packaged heating systems. These will be grouped to serve the affected buildings. Provide all required utilities, pavements, site improvements and support.
- 11. REQUIREMENT: As required.

PROJECT: Upgrade Heating Systems (Current Mission).

REQUIREMENT: This is a Level II environmental compliance project as a result of the Clean Air Act Amendments of 1990. The base requires adequate heating systems which are economical to maintain, operate and do not pollute the air and ground water. Buildings 809, 902, and 909 require packaged heating units.

CURRENT SITUATION: The base has a central heating plant which serves eleven buildings through a system of approximately four miles of underground and above ground high temperature hot water lines. The central plant emits excessive concentrations of hazardous air pollutants and criteria pollutants which will put it in violation of air quality emissions standards. The plant is uneconomical to operate and has numerous health and safety violations. The lines serving the buildings are old, poorly insulated, and need to be replaced. There are numerous leaks and substantial loss of energy through these leaks. The pipes have friable asbestos insulation. The electrical connections are unsafe. It is uneconomical to upgrade the heating plant to meet air quality standards. The base is in a non-attainment area for Ozone and reasonably available control technology must be used. This project will construct smaller, energy efficient heating units that will meet air emissions standards and will be more economical to operate and maintain. The

1. COMPONENT		2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	
ANG	(computer generated)	
į	ON AND LOCATION  ATIONAL GUARD BASE COLORADO	
4. PROJECT TI	TLE 5	. PROJECT NUMBER
UPGRADE HEATI	NG SYSTEMS	CRWU939853

grouping was determined by an extensive study and economic analysis. Upon completion of this project, Building 903 at 3,036 SF and all appurtenances will be demolished.

IMPACT IF NOT PROVIDED: Larger energy losses. Inadequate heating for eleven buildings. Health and safety hazards. Higher operating costs. Increased personnel costs to operate the heating plant. Environmental hazards associated with deteriorating friable asbestos throughout plant and lines. Violation of the federal and state environmental laws. Possible shut down of the system with partial shut down of the base. ADDITIONAL: A life cycle economic analysis has been prepared comparing all reasonable options for accomplishing this project. The analysis indicates that the grouping of the boilers into packaged units is the most economical alternative.

. COM	IPONE	ENT		2. DATE	
			FY 1996 MILITARY CONSTRUCTION F		
NG	T.TAT.T	ATTO	(computer generated) N AND LOCATION		
. 1140	LADI	MIIO	W AND LOCATION		
UCKLE	Y A	R NA	TIONAL GUARD BASE COLORADO		
. PRO	)JEC1	TIT	LE	5. PROJECT NUM	<b>IBEF</b>
DGRAF	म ज	PATTN	G SYSTEMS	CRWU939853	
2. 5	UPPI	LEMEN	TAL DATA:		
a.	Esti	mate	d Design Data:		
	(1)	Sta	tus:	·	
	-		Date Design Started	93 OC1	
			Percent Complete as of Jan 95		409
			Date 35% Designed	94 DEC	
		(d)	Date Design Complete	95 JU1	1 01
	(2)				
		(a)	Standard or Definitive Design -	NO	
		(b)	Where Design Was Most Recently Us	ed - N/A	
	(3)	Tot	al Cost (c) = (a) + (b) or (d) + (	e): (S	000
		(a)	Production of Plans and Specifica	tions	20
			All Other Design Costs		12
			Total		32
			Contract		32
	*	(e)	In-house		
	(4)	Con	struction Start	96	APF
	, ,	-			
10 -	_,, /	+	associated with this project will	he provided from	
			ations: N/A	be broatded trom	
		-			

				0 0000	
1. COMPONENT ANG	FY 1996 GUARD A MILITARY CONS			2. DATE	
3. INSTALLATION			•	4. AREA COST	INDEX
5. FREQUENCY AN	D TYPE OF UTILIZATION				
	assemblies per year, 1	.5 days annua:	l field trai	ining per	
year, daily use per year.	e by technician force a	and traditions	al guardsmen	n for 365	days
	C/GUARD/RESERVE INSTALI Guard, 1 Coast Guard	ATIONS WITHIN	N 15 MILE RA	ADIUS	
	QUESTED IN THIS PROGRAM	: FY 1996		DECTAL	CM3 M***C
CODE CODE	PROJECT TITLE	SCOPE	(\$000)	DESIGN START	CMPL
	CE UNDERGROUND FUEL		LS 320	NOV 91	JUN 94
		· · · · · · · · · · · · · · · · · · ·	<b>:</b>	'	
	VE FORCES FACILITIES BO		DATION *	1 DEC	
	al Construction Approve			1 DEC	
Unilatera 9. LAND ACQUISI	al Construction Approve	None	<b>2</b>		e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PI	al Construction Approve	None	(1	(Dat	e) .
Unilatera 9. LAND ACQUIST 10. PROJECTS PROTEGORY	Al Construction Approve	None ARS	COST	(Dat	e) .
Unilatera  9. LAND ACQUIST  10. PROJECTS PI	al Construction Approve	None	(1	(Dat	e) .
Unilatera  9. LAND ACQUIST  10. PROJECTS PI  CATEGORY  CODE	TION REQUIRED  ANNED IN NEXT FOUR YEA  PROJECT TITLE  AND ALTER BASE SUPPLY	None ARS SCOPE	COST (\$000)	(Dat	e) -
Unilatera  9. LAND ACQUIST  10. PROJECTS PICATEGORY CODE  442-758 ADD TO	TION REQUIRED  ANNED IN NEXT FOUR YEA  PROJECT TITLE  AND ALTER BASE SUPPLY	None ARS SCOPE	COST (\$000)	(Dat	e) .
Unilatera  9. LAND ACQUIST  10. PROJECTS PICATEGORY  CODE  442-758 ADD TO	TION REQUIRED  ANNED IN NEXT FOUR YEA  PROJECT TITLE  AND ALTER BASE SUPPLY	None ARS SCOPE	COST (\$000)	(Dat	e) .
Unilatera  9. LAND ACQUIST  10. PROJECTS PICATEGORY  CODE  442-758 ADD TO	TION REQUIRED  ANNED IN NEXT FOUR YEA  PROJECT TITLE  AND ALTER BASE SUPPLY	None ARS SCOPE	COST (\$000)	(Dat	e) .
Unilatera  9. LAND ACQUIST  10. PROJECTS PICATEGORY  CODE  442-758 ADD TO	TION REQUIRED  ANNED IN NEXT FOUR YEA  PROJECT TITLE  AND ALTER BASE SUPPLY	None ARS SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PICATEGORY CODE  442-758 ADD TO	TION REQUIRED  ANNED IN NEXT FOUR YEA  PROJECT TITLE  AND ALTER BASE SUPPLY	None ARS SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PICATEGORY  CODE  442-758 ADD TO	TION REQUIRED  ANNED IN NEXT FOUR YEA  PROJECT TITLE  AND ALTER BASE SUPPLY	None ARS SCOPE	COST (\$000)	(Dat	e) -

#### 2. DATE 1. COMPONENT FY 1996 GUARD AND RESERVE ANG MILITARY CONSTRUCTION

3. INSTALLATION AND LOCATION GLYNNCO AIR NATIONAL GUARD STATION, GEORGIA

#### 11. PERSONNEL STRENGTH AS OF 30 JUN 94

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	50	4	44	2	281	14	267
ACTUAL	52	3	47	2	252	. 14	238

#### 12. RESERVE UNIT DATA

			STRENGTH		
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL	
224	JCS SQ		241	218	
111	ACP FT		40	34	
		TOTALS	281	252	

TYPE	AUTHORIZED	ASSIGNED
Comm-Elec Equipment	68	66
Support Equipment	97	95
Vehicle Equivalents	417	452

T	1. COMPONENT	FY 1996 GUARD 7			2. DATE
+	ANG	MILITARY CONS	STRUCTION		4. AREA CONSTR
1		ATION, GEORGIA			COST INDEX
	ANG DIF	illon, oponora	-		0.84
†	5. FREQUENCY A	AND TYPE OF UTILIZATION			<u>.</u>
1	Twelve monthly	assemblies per year,	15 days annua	l field trai	ning per
	year, daily us	se by technician force a	and tradition	al guardsmer	for 365 days
	per year.				
1					
		E/GUARD/RESERVE INSTAL			
		Army, 2 Air National Gu	_	National Gua	ard, 1 Army
	keserve, 1 Nav	val Reserve, 1 Coast Gua	ara		
				•	
+	7. PROJECTS RE	QUESTED IN THIS PROGRAM	M: FY 1996		
- 1	CATEGORY			COST	DESIGN STATUS
	CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	START CMPL
		ACE UNDERGROUND FUEL		LS 400	NOV 91 JUL 94
	STOF	RAGE TANKS			
-					
				:	
- 1	. •	• · · · · · · · · · · · · · · · · · · ·		•	·
				·	
+		RVE FORCES FACILITIES BO		DATION	
+		RVE FORCES FACILITIES BO		DATION	1 DEC 93
	Unilater	cal Construction Approve	ed	DATION	1 DEC 93 (Date)
	Unilater			· · · · · · · · · · · · · · · · · · ·	(Date)
+	Unilater	cal Construction Approve	None	· · · · · · · · · · · · · · · · · · ·	
+	Unilater	Tal Construction Approve	None	· · · · · · · · · · · · · · · · · · ·	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F	Tal Construction Approve	None	(1)	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)
+	Unilater  9. LAND ACQUIS  10. PROJECTS F CATEGORY	EITION REQUIRED PLANNED IN NEXT FOUR YEAR	None None	()	(Date)

2370		<b>,</b> — · — · · · · · · · · · · · · · · · ·
ANG	MILITARY CONSTRUCTION	
3. INSTALLATION A	ND LOCATION	
HUNTER ANG STATIO	N, GEORGIA	
11 DEDCONNET CED	ENGTH AS OF 30 JUN 94	

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
<b>AUTHORIZED</b>	48	4	42	2	299	30	269
ACTUAL	47	4	41	2	239	29	210

12. RESERVE UNIT DATA		
·	STRENG	GTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
117 TAC SQ	299	239
TOTA	LS 299	239

13. MAJOR EQUIPMENT AND AIRCRAFT			
TYPE	AUTHORIZED	ASSIGNED	
Comm-Elec Equipment	29	29	
Support Equipment	95	86	
Vehicle Equivalents	366	425	

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	ON AND LOCATION	4. AREA CONSTR
SAVANNAH INTE	RNATIONAL AIRPORT, GEORGIA	COST INDEX
		0.85
<del> </del>		

#### 5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

- 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
- 1 Army Base, 2 Air National Guard, 2 Army National Guard, 1 Army Reserve,
- 1 Naval Reserve and 1 Coast Guard

7. PROJEC	TS REQUESTED IN THIS PROGRAM:	FY 1996			į
CATEGORY			COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL
211_152	ALTER AIRCRAFT MAINTENANCE	63,200 SF	1 300	NOV 91	AIIC 94
211-152	SHOPS	05,200 81	1,500		NOG 34

8.	STATE	RESERVE	FORCES	FACILIT	IES	BOARD	RECOMMENDATION
	Uni	llateral	Constru	iction A	ppro	ved	

#1 DEC 93 (Date)

9. LAND ACQUISITION REQUIRED	None		
·		(Numbe	r of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
CATEGORY		COST	
CODE PROJECT TITLE	SCOPE	(\$000)	
		<del> </del>	•
171-445 OPERATIONS AND TRAINING	6,000 SF	1,200	
FACILITY			
442-758 BASE SUPPLY AND CIVIL ENGINEER	96,400 SF	9,100	
COMPLEX			_
730-142 JOINT ANG/FAA FIRE STATION	11,000 SF	775	
730-835 SECURITY POLICE OPERATIONS	5,600 SF	1,050	
FACILITY			
	•		

#### 2. DATE FY 1996 GUARD AND RESERVE 1. COMPONENT MILITARY CONSTRUCTION ANG

3. INSTALLATION AND LOCATION

SAVANNAH INTERNATIONAL AIRPORT, GEORGIA

## 11. PERSONNEL STRENGTH AS OF 30 JUN 94

		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	287	24	221	42	998	130	868
ACTUAL	293	23	228	42	1,006	133	873

## 12. RESERVE UNIT DATA

			STREN	GTH
UNIT D	ESIGNATION		AUTHORIZED	ACTUAL
165	AL GP		53	58
165	MSS FT		34	33
165	SVS FT		25	25
165	HOSP		64	64
158	AL SQ		95	105
165	OPS GP		6	7
165	LOG SQ		107	105.
165	SP SQ		57	56
165	CE SQ		156	148
165	CMN FT		42	42
165	AP SQ		101	98
165	MNT SQ	•	168	175
165	CRTC	•	60	58
165	SUP GP		5	6
165	LOG GP		· 7	7
* 165	OSF		18	19
		TOTALS	998	1,006

TYPE	AUTHORIZED	ASSIGNED
C-130H Aircraft	8	9
Support Equipment	61	58
Vehicle Equivalents	255	257

1. COMPONENT			2. DATE
	FY 1996 MILITARY CONSTR	UCTION PROJECT DATA	
ANG	(computer ge	nerated)	
3. INSTALLAT	ION AND LOCATION	4. PROJECT TITLE ALTER AIRCRAFT MAINT	ENANCE
SAVANNAH INT	ERNATIONAL AIRPORT GEORGIA	SHOPS	
5. PROGRAM E	LEMENT 6. CATEGORY CODE 7. P	ROJECT NUMBER 8. PROJE	CT COST(\$000)

55296F 211-152 XDQU919576 \$1,300

9. COST ESTIMATES

7, 0002 2012:2:2:					
			UNIT	CO	ST
ITEM	ש/ט	QUANTITY	COST	(\$0	000)
ALTER AIRCRAFT MAINTENANCE SHOPS	SF	63,200			924
ALTER GENERAL PURPOSE SHOPS	SF	21,600	13	(	281)
ALTER ORGANIZATIONAL MAINTENANCE SHOPS	SF	8,000	20	(	160)
ALTER SURVIVAL EQUIPMENT SHOP	SF	4,200	25	(	105)
ALTER PHOTO LAB	SF	2,100	50	(	105)
ALTER MAINTENANCE OFFICES	SF	27,300	10	(	273)
SUPPORTING FACILITIES					275
UTILITIES/FIRE SUPRESSION	LS			(	100)
ASBESTOS REMOVAL	LS			(	75)
PRE-WIRED WORK STATIONS	LS			(	100)
SUBTOTAL				1	,199
CONTINGENCY (5%)					60
TOTAL CONTRACT COST		·	,	1	,259
SUPERVISION, INSPECTION AND OVERHEAD (5%)			1		63
TOTAL REQUEST		.		1	,322
TOTAL REQUEST (ROUNDED)		• •		1	, 300
	1			l	

- 10. Description of Proposed Construction: Alteration of interior by upgrading utilities, relocating partitions, providing and extending utilities, replacing floors, wall and ceiling surfaces and altering heating and air conditioning systems. Remove asbestos.

  Air Conditioning: 60 Tons.
- 11. REQUIREMENT: 63,200 SF ADEQUATE: 0 SUBSTANDARD: 63,200 SF PROJECT: Alter Aircraft Maintenance Shops (Current Mission).

  REQUIREMENT: The base requires adequately sized, properly configured and environmentally safe aircraft maintenance shops to support C-130 aircraft. The airlift mission requires functional, energy efficient, aircraft maintenance shops and a control complex to direct aircraft repair, fabrication, calibration, servicing, and administration. A fire supression system that complies with current regulations must be installed.

CURRENT SITUATION: The hangar complex was constructed in the early 1950's. As the type of aircraft has changed, several shops have been added over the years leading to an extremely poor and inefficient interior layout. The facility is structurally safe but does not meet standards. Some shops are poorly configured and need to be relocated and improved. Some shops are too small, while others are too large. The facility does not meet energy conservation standards. There are numerous health and safety hazards. The electrical distribution system must be upgraded to meet higher demand resulting from new equipment that has been installed over the years. Electrical panels and wires are incorrectly sized and do not meet the National Electric Code. Ventilation in the shops is inadequate. Some shops are too hot while others are cold. The administrative areas must be rearranged for a more functional working

L. COMPONENT			2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJEC	T DATA	
NG	(computer generated)		<u> </u>
. INSTALLATI	ON AND LOCATION		
AVANNAH INTE	RNATIONAL AIRPORT GEORGIA		
. PROJECT TI	TLE	5. PF	OJECT NUMBE
		l	
LTER AIRCRAF	T MAINTENANCE SHOPS	XI	QU919576
uring constr raining plac MPACT IF NOT acklog and i	PROVIDED: Health and safety hazards conefficient repair of aircraft. Improper	a quality ntinue. I training.	work or increased Decreased
uring constr raining plac MPACT IF NOT acklog and i perational r	ruction. The facility does not represent e. PROVIDED: Health and safety hazards co	a quality ntinue. I training.	work or increased Decreased
uring constr raining plac MPACT IF NOT acklog and i perational r	euction. The facility does not represent e. PROVIDED: Health and safety hazards co nefficient repair of aircraft. Improper readiness of the unit and inability to pr	a quality ntinue. I training.	work or increased Decreased
uring constr raining plac MPACT IF NOT acklog and i perational r	euction. The facility does not represent e. PROVIDED: Health and safety hazards co nefficient repair of aircraft. Improper readiness of the unit and inability to pr	a quality ntinue. I training.	work or increased Decreased
uring constr raining plac MPACT IF NOT acklog and i perational r	euction. The facility does not represent e. PROVIDED: Health and safety hazards co nefficient repair of aircraft. Improper readiness of the unit and inability to pr	a quality ntinue. I training.	work or increased Decreased
uring constr raining plac MPACT IF NOT acklog and i perational r	euction. The facility does not represent e. PROVIDED: Health and safety hazards co nefficient repair of aircraft. Improper readiness of the unit and inability to pr	a quality ntinue. I training.	work or increased Decreased

1. COMPON	FY 1996 MILITARY CONSTRUCTION PROJECT DAT	2. DATE
ANG	(computer generated)	
3. INSTAL	LATION AND LOCATION	
	INTERNATIONAL AIRPORT GEORGIA	5. PROJECT NUMBER
PROJEC	TITLE	5. PROJECT NUMBER
מדג משייני	CRAFT MAINTENANCE SHOPS	XDQU919576
IDIDK AIK	SART MINIBALMOD BLIGID	
L2. SUPP	LEMENTAL DATA:	
a. Est	imated Design Data:	
(1)	Status:	
	(a) Date Design Started	91 NOV 04
	(b) Percent Complete as of Jan 95	100%
	(c) Date 35% Designed	93 JAN 14
	(d) Date Design Complete	94 AUG 30
(2)	Basis:	
	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	(a) Production of Plans and Specifications	43
	(b) All Other Design Costs	18
	(c) Total	61
	(d) Contract	61
	(e) In-house	•
(4)	Construction Start	96 MAR
	ment associated with this project will be provide	ed from
ther app	ropriations: N/A	
•		

1. COMPONEN	T FY 1996 GUARD AN	D RESERVE		2. DAT	2
ANG	MILITARY CONST	RUCTION			
3. INSTALLA	TION AND LOCATION	•			A CONST
BOISE AIR T	ERMINAL (GOWEN FIELD), IDAH	10			r index
				1	.19
	Y AND TYPE OF UTILIZATION				
welve mont	hly assemblies per year, 15	days annual	field trai	.ning pe	r
ear, daily	use by technician/AGR force	e and for tra	aining.		
	-				
OTHER AC	TIVE/GUARD/RESERVE INSTALLA	TIONS WITHIN	15 MILE RA	DIUS	
	onal Guard Facility, 1 Army				ignal
	1 Army Research Institute				-
ecacimenc,	I Almy Research Institute	u,,			
•					
PROJECTS	REQUESTED IN THIS PROGRAM:	FY 1996			
CATEGORY			COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	
CODE	1100001 11100	<del></del>	14.5.57		
.24-135 RE	MOVE UNDERGROUND FUEL	1	Ls . 320	AUG 94	MAY 9
	STORAGE TANKS	•			
<u> </u>					
	TORAGE TANKS	•			
	TORAGE TANKS	•			
	TORAGE TANKS	•			
·	TORAGE TANKS		e di La		
	ESERVE FORCES FACILITIES BOA			. 10 app	D 04
			ATION	10 111	
Unila	ESERVE FORCES FACILITIES BOA ateral Construction Approved	l		18 AP (Da	
Unila	ESERVE FORCES FACILITIES BOA			(Da	te)
Unila	ESERVE FORCES FACILITIES BOA ateral Construction Approved QUISITION REQUIRED	None		10 111	te)
Unila  O. LAND ACC	ESERVE FORCES FACILITIES BOA ateral Construction Approved	None	(1)	(Da	te)
Unila  LAND ACC  PROJECT  CATEGORY	ESERVE FORCES FACILITIES BOA Ateral Construction Approved QUISITION REQUIRED TS PLANNED IN NEXT FOUR YEAR	None RS	(N	(Da	te)
Unila  . LAND ACC	ESERVE FORCES FACILITIES BOA ateral Construction Approved QUISITION REQUIRED	None	(1)	(Da	te)
Unila D. LAND ACC O. PROJECT CATEGORY CODE	ESERVE FORCES FACILITIES BOA ateral Construction Approved QUISITION REQUIRED ES PLANNED IN NEXT FOUR YEAR PROJECT TITLE	None RS SCOPE	COST (\$000)	(Da	te)
Unila  D. LAND ACC  O. PROJECT  CATEGORY  CODE  171-450 JC	ESERVE FORCES FACILITIES BORATERAL Construction Approved QUISITION REQUIRED  TS PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  DINT MEDICAL TRAINING	None RS	COST (\$000)	(Da	te)
Unila  9. LAND ACC  10. PROJECT  CATEGORY  CODE  171-450 JC	ESERVE FORCES FACILITIES BOA Ateral Construction Approved QUISITION REQUIRED ES PLANNED IN NEXT FOUR YEAR PROJECT TITLE DINT MEDICAL TRAINING FACILITY (ANG/ARNG)	None  SCOPE  13,000 S	COST (\$000) SF 1,550	(Da	te)
Unila  O. LAND ACC  LO. PROJECT  CATEGORY  CODE  171-450 JC  E211-111 UE	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE TO SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) PERSONNEL FORCE FACILITY (ANG/ARNG) PERSONNEL FACILITY (ANG/ARNG)	None  SCOPE  13,000 8 61,000 8	COST (\$000) SF 1,550 SF 4,000	(Da	te)
Unila  O. LAND ACC  LO. PROJECT  CATEGORY  CODE  L71-450 JC  E11-111 UF  211-179 UF	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE FOR THE SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) FACILITY (ANG/ARNG) FOR THE SERVE	None  SCOPE  13,000 S	COST (\$000) SF 1,550 SF 4,000	(Da	te)
Unila  O. LAND ACC  LO. PROJECT  CATEGORY  CODE  L71-450 JC  E11-111 UF  211-179 UF	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE TO SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) PERSONNEL FORCE FACILITY (ANG/ARNG) PERSONNEL FACILITY (ANG/ARNG)	None  SCOPE  13,000 8 61,000 8	COST (\$000) SF 1,550 SF 4,000	(Da	te)
Unila  O. LAND ACC  O. PROJECT CATEGORY  CODE  171-450  F 211-111  UF 211-179  UF	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE FOR THE SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) FACILITY (ANG/ARNG) FOR THE SERVE	None  SCOPE  13,000 8 61,000 8	COST (\$000) SF 1,550 SF 4,000	(Da	te)
Unila  O. LAND ACC  O. PROJECT CATEGORY  CODE  171-450  F 211-111  UF 211-179  UF	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE FOR THE SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) FACILITY (ANG/ARNG) FOR THE SERVE	None  SCOPE  13,000 8 61,000 8	COST (\$000) SF 1,550 SF 4,000	(Da	te)
Unila  9. LAND ACC  10. PROJECT  CATEGORY  CODE  171-450 JC  E  211-111 UF  211-179 UF	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE FOR THE SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) FACILITY (ANG/ARNG) FOR THE SERVE	None  SCOPE  13,000 8 61,000 8	COST (\$000) SF 1,550 SF 4,000	(Da	te)
Unila  9. LAND ACC  10. PROJECT  CATEGORY  CODE  171-450 JC  E  211-111 UF  211-179 UF	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE FOR THE SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) FACILITY (ANG/ARNG) FOR THE SERVE	None  SCOPE  13,000 8 61,000 8	COST (\$000) SF 1,550 SF 4,000	(Da	te)
Unila  O. LAND ACC  O. PROJECT CATEGORY  CODE  171-450  F 211-111  UF 211-179  UF	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE FOR THE SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) FACILITY (ANG/ARNG) FOR THE SERVE	None  SCOPE  13,000 8 61,000 8	COST (\$000) SF 1,550 SF 4,000	(Da	te)
Unila  O. LAND ACC  LO. PROJECT  CATEGORY  CODE  L71-450 JC  E211-111 UF  211-179 UF	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE FOR THE SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) FACILITY (ANG/ARNG) FOR THE SERVE	None  SCOPE  13,000 8 61,000 8	COST (\$000) SF 1,550 SF 4,000	(Da	te)
Unila  O. LAND ACC  LO. PROJECT  CATEGORY  CODE  L71-450 JC  E11-111 UF  211-179 UF	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE FOR THE SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) FACILITY (ANG/ARNG) FOR THE SERVE	None  SCOPE  13,000 8 61,000 8	COST (\$000) SF 1,550 SF 4,000	(Da	te)
Unila  O. LAND ACC  O. PROJECT  CATEGORY  CODE  ORDINATION  FILT-111 UF  C11-119 UF	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE FOR THE SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) FACILITY (ANG/ARNG) FOR THE SERVE	None  SCOPE  13,000 8 61,000 8	COST (\$000) SF 1,550 SF 4,000	(Da	te)
Unila  O. LAND ACC  LO. PROJECT  CATEGORY  CODE  L71-450 JC  E211-111 UF  211-179 UF	ESERVE FORCES FACILITIES BOATER TO SERVE FORCES FACILITIES BOATER TO SERVE FOR THE SERVE FOR THE SERVE FOR THE SERVE FACILITY (ANG/ARNG) FACILITY (ANG/ARNG) FOR THE SERVE	None  SCOPE  13,000 8 61,000 8	COST (\$000) SF 1,550 SF 4,000	(Da	te)

1.	COMPONENT	FY 1996 GUARD AND RESERVE	2.	DATE
1	ANG	MILITARY CONSTRUCTION		
3.	INSTALLATIO	ON AND LOCATION		
во	ISE AIR TERM	AINAL (GOWEN FIELD), IDAHO		

# 11. PERSONNEL STRENGTH AS OF 10 JUN 94

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	659	61	511	87	1,331	181	1,150
ACTUAL	593	61	459	73	1,298	157	1,141

## 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DES	SIGNATION		AUTHORIZED	ACTUAL
HQ	ID ANG		30	28
124	SVF		27	29
124	OPS GP		9	7
124	LOG GP		. 18	18
124	SPT GP		5	5
124	OSF		43	28
124	MSF		35	35
124	MNT SQ		506	490
124	FLT GP		49	49
124	MED SQ		51	49
190	FLT SQ		63	51
124	CES	•	· 128	125
124	SPS	•.	57	. 51
124	LOG SQ		107	101
189	FT FLT		120	115
124	COM FL		46	40
ID	ANG		30	28
8124	ST FLT		7	49
		TOTALS	1,331	1,298

TYPE	AUTHORIZED	ASSIGNED
F-4G Aircraft	30	30
C-26 Aircraft	1	1
Support Equipment	196	196
Vehicle Equivalents	289	361

ANG MILITARY CONSTRUCTION	
· · · · · · · · · · · · · · · · · · ·	
3. INSTALLATION AND LOCATION	4. AREA CONSTR
GREATER PEORIA AIRPORT ANG, ILLINOIS	COST INDEX
	1.14

## 5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, twelve supplemental unit training assemblies, 15 days annual training per year, daily use by technician/AGR force.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
1 Army National Guard Armory, 1 Naval Reserve, 1 Marine Corps Reserve, 1
Army Reserve Center and 1 Coast Guard Reserve.

7. PROJE	CTS REQUESTED IN THIS PROGRAM:	FY 1996		_	1
CATEGORY		•	COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL
113-321	ADD TO AIRCRAFT PARKING APRON	6,900 SY	630	APR 94	JUN 95
116-672	AIRCRAFT DEICING FACILITY	LS	400	APR 94	MAY 95
141-753	ADD TO AND ALTER SQUADRON OPERATIONS FACILITY	19,100 SF	970	APR 94	JUL 95
171-873	ALTER AERIAL PORT TRAINING FACILITY	17,000 SF	710	APR 94	JUL 95
211-152	ALTER AIRCRAFT MAINTENANCE SHOPS	36,300 SF	1,450	APR 94	AUG 95
211-173	ADD TO AIRCRAFT MAINTENANCE HANGAR	9,000 SF	1,200	SEP 93	AUG 95

8.	STATE	RESERVE	FORCES	FACILITIES	BOARD	RECOMMENDATION			
,	Uni	ilateral	Constru	ction Appro	oved		10	JUN	94
								(Date	})

None

	(Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS		I
CATEGORY	COST	١
CODE PROJECT TITLE	SCOPE (\$000)	١
		1
211-170 FILET SYSTEMS MATNUTENANCE AND	25.400 SF 3.685	١

CORROSION CONTROL FACILITY

9. LAND ACQUISITION REQUIRED

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	ON AND LOCATION	
GREATER PEORIA	A AIRPORT ANG, ILLINOIS	

# 11. PERSONNEL STRENGTH AS OF 31 JUL 94

	PERMANENT			GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	320	12	60	248	1,194	127	1,067
ACTUAL	290	12	52	226	1,168	128	1,040

## 12. RESERVE UNIT DATA

01111	-		STREN	IGTH
UNIT DES	SIGNATION	-	AUTHORIZED	ACTUAL
169	FS		38	44
182	CES		134	120
182	ASOC		117	111
182	MS		411	373
182	CS		42	36
182	MSF		33	30
182	LS		107	101
182	HQ FG		49	58
182	MDS		69	66
182	SPS		57	56
182	SVS FT		30	25
169	ACFP		61	49
182	OG	-	3	· 3
182	SG		s. <b>5</b>	<sup>.</sup> 5
182	LG		16	18
182	OSF		22	16
8182	STU FT		0	57
		TOTALS	1,194	1,168

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	19
C-26 Aircraft	1	1
C-130 Aircraft	8	0
Support Equipment	120	120
Vehicle Equivalents	709	732

2. DATE 1. COMPONENT FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE ADD TO AIRCRAFT PARKING APRON GREATER PEORIA AIRPORT ANG ILLINOIS 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000) \$630 JLQN939890 54332F 113-321 9. COST ESTIMATES UNIT COST U/M QUANTITY COST (\$000) ITEM SY 6,900 518 ADD TO AIRCRAFT PARKING APRON .50 SUPPORTING FACILITIES 50) SITE IMPROVEMENTS LS 568 SUBTOTAL 28 CONTINGENCY (5%) 596 TOTAL CONTRACT COST 30 SUPERVISION, INSPECTION AND OVERHEAD (5%) 626 TOTAL REQUEST 630 TOTAL REQUEST (ROUNDED)

Description of Proposed Construction: Reinforced concrete apron and taxiway; tiedowns, pavement painting, apron lighting, asphalt edge around apron. Improve the drainage along the apron.

11. REQUIREMENT: 52,460 SY ADEQUATE: 45,560 SY SUBSTANDARD: PROJECT: Add to Aircraft Parking Apron (New Mission).

REQUIREMENT: This project supports the conversion from 15 F-16 to 8 C-130 aircraft. The base requires an adequate apron to park, maintain, and operate the aircraft. The apron must be sized and configured to allow aircraft taxiing, access to maintenance facilities and parking for six Two aircraft will be parked in hangar facilities.

CURRENT SITUATION: The parking apron was constructed for fighter aircraft and is not adequate for the larger C-130 aircraft. The parking spaces are configured for F-16's and are too narrow for the much wider wing span of the C-130 aircraft. The interior taxiways were also configured for F-16's and must be widened to allow sufficient wing-tip clearance for taxiing C-130's. Both the length and width of the existing apron must be extended to provide for the wider parking spaces and taxiways. A taxiway must be extended to the crosswind taxiway. Expansion of the apron will require modifications to the apron lighting and stormwater drainage system which runs along the apron.

IMPACT IF NOT PROVIDED: Insufficient space for assigned aircraft. Violation of airfield clearances and operating standards. The six aircraft cannot be parked with the required clearance. The aircraft have to be towed to and from their parking spaces. Degraded training. squadron cannot reach full operational capability.

. COMPONE	14.1	FY 1996 MILITARY CONSTRUCTION PROJECT DAT		2. DATE
ANG ·		(computer generated)		
3. INSTALL	ATIO	N AND LOCATION		
		AIRPORT ANG ILLINOIS		
. PROJECT	TIT	LE	5. PRO	JECT NUMBER
ADD TO AIR	CRAF	T PARKING APRON	JLQ	<b>N939890</b>
.2. SUPPL	EMEN	TAL DATA:		
a. Esti	mate	d Design Data:		
(1)	Sta	tus:		
	(a)	Date Design Started		94 APR 29
	(b)	Percent Complete as of Jan 95		40%
		Date 35% Designed		94 DEC 05
		Date Design Complete		95 JUN 15
(2)				
	(a)	Standard or Definitive Design -		NO
	(b)	Where Design Was Most Recently Used -		N/A
		al Cost (c) = (a) + (b) or (d) + (e):		(\$000
	(a)	Production of Plans and Specifications		10
	(b)	All Other Design Costs		20
	(c)	Total .		30
		Contract	•••	30
		In-house	•	
(4)	Con	struction Start		96 JUN
		•		•
Fauinm	ont	associated with this project will be provide	d from	
		ations: N/A		
				•
		•		

1. COMPONENT

FY 1996 MILITARY CONSTRUCTION PROJECT DATA

ANG

(computer generated)

3. INSTALLATION AND LOCATION

GREATER PEORIA AIRPORT ANG ILLINOIS

PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)

54332F 141-753 JLQN939874 \$970

9. COST ESTIMATES

9. COST ESTIMAT	TES			
			UNIT	COST
ITEM	ַע/ע	QUANTITY	COST	(\$000)
ADD TO AND ALTER SQUADRON OPERATIONS	SF	19,100		727
ADD TO SQUADRON OPERATIONS	SF	3,100	90	( 279)
ALTER SQUADRON OPERATIONS	SF	16,000	28	( 448)
SUPPORTING FACILITIES				150
UTILITIES	LS			( 10)
PAVEMENTS	LS			( 10)
SITE IMPROVEMENTS	LS			( 10)
PRE-WIRED WORKSTATIONS	LS		•	(_120)
SUBTOTAL	- 1			877
CONTINGENCY (5%)				44
TOTAL CONTRACT COST				921
SUPERVISION, INSPECTION AND OVERHEAD (5%)				46
TOTAL REQUEST				.967
TOTAL REQUEST (ROUNDED)		1	•	970
		·	-	
		·		
	1			•

- 10. Description of Proposed Construction: Addition: Reinforced concrete foundation and floor slab, masonry walls, and roof structure. Alteration: Relocate walls and utilities. Exterior of building to match existing. Provide utilities, pavements and site improvements.
- Air Conditioning: 5 Tons.
- 11. REQUIREMENT: 19,100 SF ADEQUATE: 0 SUBSTANDARD: 16,000 SF PROJECT: Add to and Alter Squadron Operations Facility (New Mission).

  REQUIREMENT: This project supports the conversion from 15 F-16 to 8 C-130 aircraft. An adequately sized and properly configured squadron operations facility is required for aircrew members, flight planning and management, intelligence, operations office, contingency operations, navigators, flight engineers, load masters, and training.

CURRENT SITUATION: The squadron operations building is configured to support F-16 aircraft, not the C-130 aircraft which have a much different mission. The building requires interior reconfiguration since some rooms are too small while others are too large to meet the needs of the new functions. Training rooms and briefing areas are too small for the larger sized aircrews. Provisions for classified briefings are not adequate. No rooms exists for navigators, flight engineers, or load masters.

IMPACT IF NOT PROVIDED: The mission cannot be accomplished without violating the security of classified plans. Unable to reach full operational capability. Severely crowded space impacts negatively on training and readiness. Inefficient operations. The additional crew members will have to be housed in leased trailers.

	VT FY 1996 MILITARY CONSTRUCTION PROJECT DA	TT N	2. DATE
ANG	(computer generated)	<u> </u>	
	ATION AND LOCATION	<u>_</u>	
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	ORIA AIRPORT ANG ILLINOIS	TE	
PROJECT	TITLE	5. PRC	JECT NUMBI
ADD TO AND	ALTER SQUADRON OPERATIONS FACILITY	JLÇ	N939874
		•	
l2. SUPPL	EMENTAL DATA:		
a Reti	nated Design Data:		
a. Bott	acca besign baca.		
(1)	Status:		
	(a) Date Design Started		94 APR 2
	(b) Percent Complete as of Jan 95		40
	(c) Date 35% Designed		94 DEC (
	(d) Date Design Complete		95 JUL (
(2)	Basis:		
` '	(a) Standard or Definitive Design -		NO
	(b) Where Design Was Most Recently Used -		N/A
/3\	Total Cost (c) = (a) + (b) or (d) + (e):		(\$00
	(a) Production of Plans and Specifications		(\$0.
	(b) All Other Design Costs		;
	(c) Total		
	(d) Contract		
	(e) In-house		•
(4)	Construction Start		96 Jt
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1. COMPONENT							2. DATE
	FY 1	.996 MILIT	ARY CO	ONSTRU	CTION PROJECT	DATA	
ANG	·	(00	ompute	er gen	erated)		
3. INSTALLATI	ION AND I	OCATION			4. PROJECT	TITLE	
		•			ALTER AERIA	L PORT TRA	AINING
GREATER PEORI	IA AIRPOP	T ANG ILL	INOIS		FACILITY		
5. PROGRAM EI	LEMENT 6.	CATEGORY	CODE	7. PR	DJECT NUMBER	8. PROJEC	CT COST(\$000)
54332F		171-873		JL	QN939877		\$710

9. COST ESTIMATE	S			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
ALTER AERIAL PORT TRAINING FACILITY	SF	17,000		591
AERIAL PORT TRAINING FACILITY	SF	11,200	45	( 504)
EQUIPMENT STORAGE	SF	5,800	15	( 87)
SUPPORTING FACILITIES				50
PRE-WIRED WORK STATIONS	LS	1		( <u>50</u> )
SUBTOTAL				641
CONTINGENCY (5%)				32
TOTAL CONTRACT COST				673
SUPERVISION, INSPECTION AND OVERHEAD (5%)				34
TOTAL REQUEST				707
TOTAL REQUEST (ROUNDED)				710
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10. Description of Proposed Construction: Remove, relocate, and replace interior walls, doors, frames, and hardware; upgrade utility systems and fire protection; provide mechanical and electrical systems, cabinetry and storage bins. Remove exterior aircraft hangar doors and replace with warehouse doors.

Air Conditioning: 25 Tons.

11. REQUIREMENT: 17,000 SF ADEQUATE: 0 SUBSTANDARD: 17,000 SF PROJECT: Alter Aerial Port Training Facility (New Mission). REQUIREMENT: This project supports the conversion from 15 F-16 to 8 C-130 The base requires a facility for air cargo preparation training aircraft. and administration of an aerial port squadron in support of C-130 aircraft. The facility must have cranes for movement of heavy loads, a parachute drying tower, parachute sewing, repair and storage areas. Space is also required for the storage of support equipment. CURRENT SITUATION: The fuel system maintenance hangar is sized for fighter aircraft. The two maintenance bays are too small for the C-130 and excess to the need. The aerial port training facility is required to be located adjacent to the aircraft apron, the maintenance bays lend themselves to aerial port functions with modifications. IMPACT IF NOT PROVIDED: Unable to train newly assigned aerial port personnel. Equipment exposed to the elements suffer accelerated deterioration. Aerial delivery loads will not be available to train combat crews. Reduced mission capability.

. COMPON	FY 1996 MILITARY CONSTRUCTION PROJECT DA	2. DATE
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. INSTAL	LATION AND LOCATION	
	EORIA AIRPORT ANG ILLINOIS	5. PROJECT NUMBER
. PROJEC	TITLE	5. PROJECT NUMBER
TTER ARR	IAL PORT TRAINING FACILITY	JLQN939877
DIDIC HOIC	I ON THURST THOUSE THE	030,1070,7
.2. SUPP	LEMENTAL DATA:	
a. Est	imated Design Data:	
(1)	Status:	
	(a) Date Design Started	94 APR 29
	(b) Percent Complete as of Jan 95	40%
	(c) Date 35% Designed (d) Date Design Complete	95 JAN 01 95 JUL 01
	(d) Date Design Complete	95 001 01
(2)	Basis:	
	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	(a) Production of Plans and Specifications	40
	(b) All Other Design Costs	16
	(c) Total (d) Contract	56 56
	(e) In-house	
	(6) 211 110400	•
(4)	Construction Start	96 JUN
. Equip	ment associated with this project will be provide	ed from
	ropriations: N/A	
	•	
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2. DATE 1. COMPONENT FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE ALTER AIRCRAFT MAINTENANCE GREATER PEORIA AIRPORT ANG ILLINOIS SHOPS 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 211-152 \$1,450 JLQN939871 54332F 9. COST ESTIMATES UNIT COST COST (\$000) ITEM U/M QUANTITY 36,300 1,271 ALTER AIRCRAFT MAINTENANCE SHOPS SF 45 SUPPORTING FACILITIES 45) UTILITIES LS 1,316 SUBTOTAL CONTINGENCY (5%) 66 1,382 TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) 69 1,451 TOTAL REQUEST 1,450 TOTAL REQUEST (ROUNDED)

10. Description of Proposed Construction: Relocate interior walls, relocate and extend utilities, and provide fire protection. All utilities and support included.

Air Conditioning: 10 Tons.

REQUIREMENT: 36,300 SF ADEQUATE: 0 SUBSTANDARD: 36,300 SF PROJECT: Alter Aircraft Maintenance Shops (New Mission).

REQUIREMENT: This project is required to support the conversion from 15 F-16 to 8 C-130 aircraft. Maintenance shops must be modified to accommodate changes in aircraft requirements. The shops are configured for F-16 equipment which is entirely different from that required for C-130 aircraft. This project will modify the weapons release and avionics shops to satisfy deficiencies in the general purpose and organizational maintenance shops. It will also alter general purpose shop space to allow the new support equipment to be installed.

CURRENT SITUATION: Aircraft maintenance shops are not properly sized or configured to provide adequate space for maintenance support to the C-130 aircraft. The weapons release shop function is no longer necessary for the C-130 aircraft. The avionics and engine shops are also different. The C-130 needs a propeller shop. This project will rearrange and reconfigure the shops for C-130 operations.

IMPACT IF NOT PROVIDED: Adequate maintenance cannot be provided for the C-130 aircraft. Degradation of operations; inefficient training and loss of training mandays; unit is unable to meet full operational capability. Aircraft may not be properly maintained.

L. COMPONE	NT FY 1996 MILITARY CONSTRUCTION PROJECT	2. DATE
ANG	(computer generated)	DATA
	ATION AND LOCATION	
. INSTALL	ATION AND DOCATION	
REATER PE	ORIA AIRPORT ANG ILLINOIS	
. PROJECT	TITLE	5. PROJECT NUMBER
LTER AIRC	RAFT MAINTENANCE SHOPS	JLQN939871
2. SUPPL	EMENTAL DATA:	
- 5-4:	usted Design Dates	
a. Esti	mated Design Data:	
(1)	Status:	
• •	(a) Date Design Started	94 APR 29
	(b) Percent Complete as of Jan 95	40%
	(c) Date 35% Designed	94 DEC 10
	(d) Date Design Complete	95 AUG 30
(2)	Basis:	
	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
• •	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	(a) Production of Plans and Specifications	72
	(b) All Other Design Costs	45
	(c) Total	117
	(d) Contract	117
	(e) In-house	
(4)	Construction Start	96 JUN
•		

other appropriations: N/A

1. COMPONENT

FY 1996 MILITARY CONSTRUCTION PROJECT DATA

(computer generated)

3. INSTALLATION AND LOCATION

GREATER PEORIA AIRPORT ANG ILLINOIS

FAGRAM ELEMENT

6. CATEGORY CODE

7. PROJECT NUMBER

8. PROJECT COST(\$000)

54332F

211-173

JLQN939872

\$1,200

9. COST ESTIMATE	ES			
			UNIT	COST
ITEM	ש/ט	QUANTITY	COST	(\$000)
ADD TO AIRCRAFT MAINTENANCE HANGAR	SF	9,000	105	945
SUPPORTING FACILITIES	1.			155
UTILITIES	LS	·		( 25)
PAVEMENTS	LS			( 20)
SITE IMPROVEMENTS	LS			( 10)
FIRE SUPPRESSION SYSTEM	LS			(100)
SUBTOTAL				1,100
CONTINGENCY (5%)		]		55
TOTAL CONTRACT COST				1,155
SUPERVISION, INSPECTION AND OVERHEAD (5%)	ľ			58
TOTAL REQUEST				1,213
TOTAL REQUEST (ROUNDED)				1,200
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- 10. Description of Proposed Construction: Construct an addition to the maintenance hangar to fully enclose the aircraft. Provide all necessary utilities, pavements, site improvements, fire protection, and support. Upgrade hangar floor to permit aircraft jacking. Modify hangar floor drainage system.
- 11. REQUIREMENT: As required.

PROJECT: Add to Aircraft Maintenance Hangar (New Mission).

REQUIREMENT: This project supports the conversion from 15 F-16 to 8 C-130 aircraft. The unit requires a maintenance hangar which entirely encloses the C-130 aircraft to perform maintenance on the aircraft and its systems. CURRENT SITUATION: The base does not have a hangar that can accommodate the C-130 aircraft. The present hangar is sized for the F-16, a much smaller aircraft. The C-130 cannot fit inside. The proposed extension is sized to cover the tail assembly of the larger C-130. Additional modifications are needed to make the hangar functionally adequate to perform maintenance on the new aircraft. These include extending the fire suppression system, installing reinforced jacking points, and relocating the existing floor drainage system.

IMPACT IF NOT PROVIDED: Unable to perform aircraft maintenance in a controlled environment. Severely degraded mission support. Unable to properly convert to the C-130 aircraft. Aircraft maintenance is accomplished outside on the ramp even in times of inclement weather. Violation of safety rules and technical orders could result in an improperly maintained aircraft.

ANG	ENT		2. DATE
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. PROJEC	T TIT	LE	5. PROJECT NUMB
דג חד חת.	RCRAF	T MAINTENANCE HANGAR	JLQN939872
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2. SUPP	LEMEN	TAL DATA:	
a. Est	imate	d Design Data:	
a. Bsc	1111466	a besign baca.	
(1)		tus:	
		Date Design Started	93 SEP 2
		Percent Complete as of Jan 95	40
		Date 35% Designed	94 DEC
	, (d)	Date Design Complete	95 AUG :
. (2)	Bas	is:	
, ,		Standard or Definitive Design -	NO
	(b)	Where Design Was Most Recently Used -	N/A
(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):	(\$0
(-,		Production of Plans and Specifications	
		All Other Design Costs	
		Total	•
		Contract	
	(e)		
(4)	Con	struction Start	96 J
(4)	00		
		associated with this project will be provide	ded from
	ropri	ations: N/A	
e. Equip	ropri	ations: N/A	
	ropri	ations: N/A	

1. COMPONE	ENT	FY 1996 GUA					2. DAT	<b>Ξ</b>
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		AND LOCATION					1	r INDEX
ACCONNELL	AIR FOR	RCE BASE, KANSAS						.99
. FREQUEN	NCY AND	TYPE OF UTILIZAT	ION					
welve mon	nthly as	ssemblies per yea	r, 15 day	s annual	l fie	eld trai	ning pe	r
ear, dail	ly use b	y technician/AGR	force and	d for to	raini	.ng.		
COMUED A	NOTIVE /	SUARD/RESERVE INS	TALL ATTON	S WITHIT	v 15	MTT.E RA	DIUS	
		ce Installation,						rmv
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7. PROJECT CATEGORY	rs REQUE	ESTED IN THIS PRO	GRAM: FY	1996		COST	DESIGN	STATUS
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CODE		PROJECT TITLE		SCOPE		1,0007	<u>DIIINI</u>	<u> </u>
141-753 A	ALTER B-	-1 SQUADRON OPERA	TIONS	47,100	SF	800	SEP 93	JUN 9
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Unil O. LAND AC O. PROJECT CATEGORY CODE	CTS PLAN	Construction App ON REQUIRED ONED IN NEXT FOUR ONED TITLE	No YEARS	ne SCOPE		COST (\$000)	(Da	te)
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Unil O. LAND AC O. PROJECT CATEGORY CODE	CTS PLAN	Construction App ON REQUIRED ONED IN NEXT FOUR ONED TITLE	No YEARS	ne SCOPE		COST (\$000)	(Da	te)
Unil O. LAND AC O. PROJECT CATEGORY CODE	CTS PLAN	Construction App ON REQUIRED ONED IN NEXT FOUR ONED TITLE	No YEARS	ne SCOPE		COST (\$000)	(Da	te)
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Unil O. LAND AC O. PROJECT CATEGORY CODE	CTS PLAN	Construction App ON REQUIRED ONED IN NEXT FOUR ONED TITLE	No YEARS	ne SCOPE		COST (\$000)	(Da	te)

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATION	N AND LOCATION	
MCCONNELL AIR I	FORCE BASE, KANSAS	

## 11. PERSONNEL STRENGTH AS OF 16 AUG 94

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	782	84	674	24	1,416	169	1,247
ACTUAL	755	67	666	22	1,370	130	1,240

#### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
184	OG		119	93
184	SG		283	233
184	LG		722	790
184	HQ GP		49	37
184	MRD SQ		73	60
184	DET 1		47	42
134	ACS.		123	115
		TOTALS	1,416	1,370

TYPE	AUTHORIZED	ASSIGNED
B-1B Aircraft	10	3
Support Equipment	565	426
Vehicle Equivalents	490	545

1. COMPONENT								2	. DATE
	FY	1996 MILITA	ARY CO	ONSTRUC	TION PR	OJECT	DAT	'A	
ANG		(00	mpute	er gene	rated)				
3. INSTALLATI	ON AND	LOCATION		<u> </u>	4. PRO	JECT '	riti	Æ	
					ALTER	B-1 S	QUAI	RON OPE	RATIONS
MCCONNELL AIR	RFORCE	BASE KANSAS	3		FACILI	TY			
5. PROGRAM EI	LEMENT 6	. CATEGORY	CODE	7. PRO	JECT NU	MBER	8.	PROJECT	COST(\$000
51628F		141-753		PRÇ	E929911				\$800
	9. COST ESTIMATES								
								IINTT	COST

9. COST ESTIMA	TES			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
ALTER B-1 SQUADRON OPERATIONS FACILITY	SF	47,100	12	565
SUPPORTING FACILITIES				160
PRE-WIRED WORK STATIONS	LS			( 115)
EMERGENCY BACKUP POWER	LS			( <u>45</u> )
SUBTOTAL				725
CONTINGENCY (5%)				36
TOTAL CONTRACT COST				761
SUPERVISION, INSPECTION AND OVERHEAD (5%)	ŀ		•	38
TOTAL REQUEST	ļ			799
TOTAL REQUEST (ROUNDED)				800
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- 10. Description of Proposed Construction: Relocate walls and utilities. Install a secure storage vault with reinforced concrete walls and ceiling. Install emergency power. Upgrade the heating, ventilation, and air conditioning system. Improve fire detection system.

  Air Conditioning: 60 Tons.
- 11. REQUIREMENT: 47,100 SF ADEQUATE: 0 SUBSTANDARD: 47,100 SF PROJECT: Alter B-1 Squadron Operations Facility (New Mission).

  REQUIREMENT: This project supports the conversion from F-16 to the B-1 aircraft. The base requires a properly configured and secure area to perform the new mission. Adequate climate control is required throughout the facility. Emergency back-up electrical power is required to insure that critical items in the combat training area remain operational when commercial power to the facility fails.

CURRENT SITUATION: The squadron operations space is not properly configured for full-time and part-time B-1 flight crews. The facility is configured to support the training of a single seat F-16 fighter aircraft. There are no secure working and storage areas for the mission areas. Some of the rooms are too large while others are too small. There are insufficient crew briefing rooms. The building does not have emergency back-up power. The building does not have a classified storage area in which to train and to store operational data such as charts, maps, and computer tapes. The climate control system does not function well and is not adequate for the new room configuration and equipment and personnel.

IMPACT IF NOT PROVIDED: Unable to properly train the aircrews for the new B-1 mission. Possible compromise of security. Unable to achieve full operational capability. Decrease in readiness. The crews will receive insufficient training and that will place them at risk.

1. COMPON	•	2. DATE
ANG	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	
3. INSTAL	LATION AND LOCATION	
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CCONNELL PROJEC	AIR FORCE BASE KANSAS	
PROJEC	TITLE 5.	PROJECT NUMBER
LTER B-1	SQUADRON OPERATIONS FACILITY	PRQE929911
.2. SUPP	LEMENTAL DATA:	
a. Est	mated Design Data:	
(1)	Status:	
	(a) Date Design Started	93 SEP 20
	(b) Percent Complete as of Jan 95	40%
	(c) Date 35% Designed	94 DEC 01
•	(d) Date Design Complete	95 JUN 15
. (2)	Basis:	
(-)	(a) Standard or Definitive Design -	МО
	(b) Where Design Was Most Recently Used -	N/A
(3)	Motol Cost (s) = (s) + (b) on (d) + (s)	4000
(3)	Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications	(\$000
	(b) All Other Design Costs	36 27
	(c) Total	63
	(d) Contract	63
	(e) In-house	-
	Construction Start	06 424
(4)	Construction Start	96 MAY
	nent associated with this project will be provided for copriations: N/A	rom
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L. COMPONENT		96 GUARD AND				2. DATE	
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	ION AND LOCATION IN THE RESERVE TO T		TTS			l l	INDEX
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	AND TYPE OF UT						
	aining Assembli						per
year, daily	use by civil se	ervice technic	cian, Activ	7e G	uard/Res	erve	
	nd Cooperative		ement empic	yee	s, 24 no	our cover	age
oy security	and fire fighte	er personnei					
CORUED ACT	IVE/GUARD/RESER	OVE THEFALLATI	IONS WITHIN	J 15	MTTE RA	DIUS	
	nal Guard Armor						serve
_	Reserve and 1				,		
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	REQUESTED IN TH	HIS PROGRAM:	FY 1996		G0.0M	DEGTON	CM3 MIIC
CATEGORY			GGODE		COST	DESIGN	
CODE	PROJECT TI	TLE	SCOPE		(\$000)	START	CMPL
214-425 VEH	ICLE MAINTENANO	CE COMPLEX	14,700	SF	2,000	AUG 93	AUG 94
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	ERVE FORCES FAC		D RECOMMENI	DATI	ON	30 AUG	
Unilat	eral Constructi	ion Approved	D RECOMMENI	DATI	ON	30 AUG (Dat	
Unilat		ion Approved		DATI	•		e)
Unilat	eral Constructi	ion Approved		DATI	•	(Dat	e)
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Unilat  9. LAND ACQU  10. PROJECTS	eral Constructi	ED  KT FOUR YEARS		DATI	(N	(Dat	e)
Unilate  9. LAND ACQU  10. PROJECTS  CATEGORY  CODE	eral Constructivisition Require PLANNED IN NEX	ED  KT FOUR YEARS	None SCOPE		COST (\$000)	(Dat	e)
Unilate  9. LAND ACQU  10. PROJECTS CATEGORY  CODE  442-758 BAS	eral Constructivistion Require PLANNED IN NEX PROJECT TO SE SUPPLY COMPLE	ED  KT FOUR YEARS	None <u>SCOPE</u> 30,000	SF	COST (\$000)	(Dat	e)
Unilate  9. LAND ACQU  10. PROJECTS CATEGORY  CODE  442-758 BAS 722-351 DIN	eral Constructivistion Require PLANNED IN NEX PROJECT TO SE SUPPLY COMPLETING HALL	ED ET FOUR YEARS	None SCOPE	SF	COST (\$000) 4,400 2,800	(Dat	e)
Unilate  9. LAND ACQUE  10. PROJECTS CATEGORY  CODE  442-758 BAS 722-351 DIN 821-116 UPO	eral Constructivistion Require PLANNED IN NEX PROJECT TO SE SUPPLY COMPLE	ED ET FOUR YEARS	None <u>SCOPE</u> 30,000	SF	COST (\$000)	(Dat	e)
Unilate  9. LAND ACQU  10. PROJECTS CATEGORY  CODE  442-758 BAS 722-351 DIN 821-116 UPO SY	eral Constructivistion Require PLANNED IN NEX PROJECT TO SE SUPPLY COMPLESING HALL PRADE HEATING DO	ED  KT FOUR YEARS  ITLE  EX  ISTRIBUTION	None <u>SCOPE</u> 30,000	SF	COST (\$000) 4,400 2,800	(Dat	e)
Unilate  9. LAND ACQUE  10. PROJECTS CATEGORY CODE  442-758 BAS 722-351 DIN 821-116 UPC SY 871-183 UPC	eral Construction Requires FIGURE PLANNED IN NEX  PROJECT TO  SE SUPPLY COMPLES FING HALL FRADE HEATING DO  STEM	ED  KT FOUR YEARS  ITLE  EX  ISTRIBUTION  INAGE SYSTEM	None <u>SCOPE</u> 30,000	SF SF LS	COST (\$000) 4,400 2,800 740	(Dat	e)
Unilate  9. LAND ACQUE  10. PROJECTS CATEGORY CODE  442-758 BAS 722-351 DIN 821-116 UPC SY 871-183 UPC	EERAL CONSTRUCTS  ISITION REQUIRE PLANNED IN NEX  PROJECT TO  SE SUPPLY COMPLE ING HALL FRADE HEATING DO  STEM FRADE STORM DRAIN	ED  KT FOUR YEARS  ITLE  EX  ISTRIBUTION  INAGE SYSTEM	None <u>SCOPE</u> 30,000	SF SF LS	COST (\$000) 4,400 2,800 740	(Dat	e)
Unilate  9. LAND ACQUE  10. PROJECTS CATEGORY CODE  442-758 BAS 722-351 DIN 821-116 UPC SY 871-183 UPC	EERAL CONSTRUCTS  ISITION REQUIRE PLANNED IN NEX  PROJECT TO  SE SUPPLY COMPLE ING HALL FRADE HEATING DO  STEM FRADE STORM DRAIN	ED  KT FOUR YEARS  ITLE  EX  ISTRIBUTION  INAGE SYSTEM	None <u>SCOPE</u> 30,000	SF SF LS	COST (\$000) 4,400 2,800 740	(Dat	e)
Unilate  9. LAND ACQUE  10. PROJECTS CATEGORY CODE  442-758 BAS 722-351 DIN 821-116 UPC SY 871-183 UPC	EERAL CONSTRUCTS  ISITION REQUIRE PLANNED IN NEX  PROJECT TO  SE SUPPLY COMPLE ING HALL FRADE HEATING DO  STEM FRADE STORM DRAIN	ED  KT FOUR YEARS  ITLE  EX  ISTRIBUTION  INAGE SYSTEM	None <u>SCOPE</u> 30,000	SF SF LS	COST (\$000) 4,400 2,800 740	(Dat	:e)

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	N AND LOCATION	•
BARNES MUNICIP	AL AIRPORT ANG MASSACHUSETTS	•

## 11. PERSONNEL STRENGTH AS OF 10 AUG 94

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	292	7	62	223	1,036	108	928
ACTUAL	283	7	62	214	1,008	101	907 .

## 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
104	TFG HQ		49	52
131	TFS		41	38
104	MNT SQ		399	388
104	LOG SQ		141	139
104	MED SQ		70	62
104	CES		145	147
104	MWRS		<b>25</b> .	31
104	SPS		57 .	58
104	CMN SQ		40	41
104	OPS GP		9	4
104	LOG GP		18	15
131	WEA FT		13	11
104	SPT GP		5	6
104	OSF	:	24	. 16
		TOTALS	1,036	1,008

TYPE	AUTHORIZED	ASSIGNED
A-10 Aircraft	18	21
Support Equipment	83	74
Vehicle Equivalents	232	232

1. COMPONENT	2. DATE
FY 1996 MILITARY CONSTRUCTION PROJECT DATA	
ANG (computer generated)	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE BARNES MUNICIPAL AIRPORT ANG	
MASSACHUSETTS VEHICLE MAINTENAME NAME OF THE PROPERTY OF THE P	NCE COMPLEX
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PR	ROJECT COST(\$000)

55296F 214-425 AXQD899748 \$2,000

9. COST ESTIMATES

J. COSI ESTIMAL	بات			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
VEHICLE MAINTENANCE COMPLEX	SF	14,700		1,453
VEHICLE MAINTENANCE SHOP	SF	9,200	115	. ( 1,058)
COVERED STORAGE	SF	4,000	50	( 200)
REFUELER VEHICLE SHOP	SF	1,500	130	( 195)
SUPPORTING FACILITIES				367
UTILITIES	LS			( 80)
PAVEMENTS AND SITE IMPROVEMENTS	LS			( 100)
RELOCATE BUILDING 32	SF	4,350	13	( 57)
RELOCATE VEHICLE REFUELING STATION	LS			( 100)
PRE-WIRED WORK STATIONS	LS			(30)
SUBTOTAL				1,820
CONTINGENCY (5%)				91
TOTAL CONTRACT COST				1,911
SUPERVISION, INSPECTION AND OVERHEAD (5%)			•	96
TOTAL REQUEST			•	2,007
TOTAL REQUEST (ROUNDED)				2,000
		•		
				ļ

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed masonry walls and roof structure. Includes pavements, utilities, and site improvements. Relocate pre-engineered metal building for vehicle storage.

Air Conditioning: 15 Tons.

11. REQUIREMENT: 14,700 SF ADEQUATE: 0 SUBSTANDARD: 6,186 SF PROJECT: Vehicle Maintenance Complex (Current Mission).

REQUIREMENT: The base requires a properly sized and adequately configured vehicle maintenance complex to include administrative offices, shops, bench stock, tool room, and storage to perform periodic inspections, repairs, and maintenance to the base vehicle fleet and special purpose vehicles and equipment, such as snow plows and refuelers. Facilities require compliance with health and safety codes and standards for hazardous work areas for handling fuel system and batteries and environmental regulations for the storage and disposal of lubricants, oils, batteries, and acids. Hydraulic lifts are required for regular and special purpose vehicles. An enclosed heated space is required to wash vehicles in severe cold weather and to store vehicles from inclement weather.

CURRENT SITUATION: The facilities are grossly undersized. There is no vehicle washing area or a bay to service snow plows or fire fighting equipment. The building electrical system does not comply with hazardous criteria required by the National Electrical Code. Some areas that require explosion proof fixtures do not have them. Large vehicles, such as the refueler, snowplows, and fire trucks cannot fit in the maintenance bays. These must be maintained in a parking area outside, including winter weather conditions. Vehicle administration is located in building

1. COMPONENT  FY 1996 MILITARY CONSTRUCTION PROJECT D.	ATA	2. DATE
ANG (computer generated)		
3. INSTALLATION AND LOCATION BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS		
4. PROJECT TITLE	5.	PROJECT NUMBER
VEHICLE MAINTENANCE COMPLEX		AXQD899748

4. This is an ex-fire station facility now into forced use as temporary space. There is no covered storage for vehicles. Building 32 used for inert munitions storage will be relocated to provide vehicle storage. This is a structurally sound pre-engineered metal building that can be relocated and converted to vehicle storage. Upon completion of this project the following will be demolished: Building 4 at 2,580 SF; building 5 at 300 SF; and building 6 at 3,306 SF for a total of 6,186 SF. IMPACT IF NOT PROVIDED: Unable to comply with health and safety codes. The level of personnel training continues uncoordinated and piecemeal without sufficient space to support the daily requirements. Refueler maintenance is accomplished outside in a parking lot in violation of safety and environmental codes. Lack of adequate facilities affects morale, recruiting, and operational readiness. Unit is unable to provide a reasonable level of maintenance to special equipment required for fire fighting and snow plowing of the airfield and roads. Improperly maintained vehicles breakdown often and cost more to operate. ADDITIONAL: A life cycle economic analysis has been prepared comparing all reasonable options for accomplishing this project. The analysis indicates that new construction is the most economical alternative.

(a) Production of Plans and Specifications  (b) All Other Design Costs  (c) Total  (d) Contract  (e) In-house	ARNE	s mun	NICIP	PAL AIRPORT ANG MASSACHUSETTS		
a. Estimated Design Data:  (1) Status: (a) Date Design Started (b) Percent Complete as of Jan 95 (c) Date 35% Designed (d) Date Design Complete (d) Date Design Complete (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  96 APF  2. Equipment associated with this project will be provided from					5. PRO	JECT NUMBER
a. Estimated Design Data:  (1) Status: (a) Date Design Started (b) Percent Complete as of Jan 95 (c) Date 35% Designed (d) Date Design Complete (d) Date Design Complete (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  96 APF  2. Equipment associated with this project will be provided from	EHIC	LE MA	AINTE	NANCE COMPLEX	AXQI	0899748
a. Estimated Design Data:  (1) Status:  (a) Date Design Started (b) Percent Complete as of Jan 95 (c) Date 35% Designed (d) Date Design Complete  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  96 APF  9. Equipment associated with this project will be provided from						
(1) Status:  (a) Date Design Started (b) Percent Complete as of Jan 95 (c) Date 35% Designed (d) Date Design Complete  (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  96 APF  2. Equipment associated with this project will be provided from	.2.	SUPPI	LEMEN	TAL DATA:		
(a) Date Design Started (b) Percent Complete as of Jan 95 (c) Date 35% Designed (d) Date Design Complete  (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  93 AUG 16 100% 100% 100% 100% 100% 100% 100% 10	a.	Esti	imate	ed Design Data:		
(b) Percent Complete as of Jan 95  (c) Date 35% Designed  (d) Date Design Complete  (2) Basis:  (a) Standard or Definitive Design - NO  (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e):  (a) Production of Plans and Specifications  (b) All Other Design Costs  (c) Total  (d) Contract  (e) In-house  (4) Construction Start  96 APF		(1)				
(c) Date 35% Designed 94 MAR 30 (d) Date Design Complete 94 AUG 29 (2) Basis:  (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000 (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start 96 APF						
(d) Date Design Complete  (2) Basis:  (a) Standard or Definitive Design - NO  (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000 (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start 96 APF						
(2) Basis:  (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000 (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start 96 APF						
(a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000 (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start 96 APF			(α)	pace peardu combiece		74 HUG 23
(b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000 (a) Production of Plans and Specifications 100 (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start 96 APF		(2)				
(3) Total Cost (c) = (a) + (b) or (d) + (e):  (a) Production of Plans and Specifications  (b) All Other Design Costs  (c) Total  (d) Contract  (e) In-house  (4) Construction Start  Sequipment associated with this project will be provided from						
(a) Production of Plans and Specifications  (b) All Other Design Costs  (c) Total  (d) Contract  (e) In-house  (4) Construction Start  96 APF  Equipment associated with this project will be provided from			(a)	where besign was most kecently used -		N/A
(b) All Other Design Costs  (c) Total  (d) Contract  (e) In-house  (4) Construction Start  96 APF  Equipment associated with this project will be provided from		(3)				(\$000
(c) Total (d) Contract (e) In-house  (4) Construction Start  96 APF  Equipment associated with this project will be provided from						100
(d) Contract (e) In-house  (4) Construction Start  96 APF  Equipment associated with this project will be provided from						
(e) In-house  (4) Construction Start  96 APF  . Equipment associated with this project will be provided from		•				7
(4) Construction Start 96 APF  . Equipment associated with this project will be provided from		,				. 100
. Equipment associated with this project will be provided from	٠		(0)	The house		•
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ther appropriations: N/A		-			d from	
	ther	appı	copri	ations: N/A		
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L. COMPONENT			GUARD AND			2. DATE	I I
ANG			ARY CONSTR	UCTION			
ORCESTER ANG			USETTS				
ORCESTER ANG	DIATIO	n miodrion	000110				
1. PERSONNEL	STRENG	TH AS OF	10 AUG 94				
						/	
			MANENT	CTUIT TAN		ARD/RESER FFICER E	NLISTE
AUTHORIZED	TOTAL 64	OFFICER O	ENLISTED 12	CIVILIAN 52	394	38	356
ACTUAL	58	_	9	49	388	37	351
L2. RESERVE U	NIT DAT	A					
	n	a z a v z m z a v	•		RENGTH	TUAL	
	ONIT DE	SIGNATION .	-	AUTHORIZE	<u> AC</u>	1000	
	101	TCS SQ		244		230	
	212			150		158	
			TOTALS	394		388	
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13. MAJOR EQU	ТРМЕМТ	AND ATROS	RAFT				
in the second second							
<u>T</u>	YPE			AUTHORIZE	<u>AS</u>	SIGNED	
Cunnout Barrie	mont			121		105	
Support Equip Vehicle Equiv	menc			455		435	

. COMPONENT			GUARD AND			2. DA	ΓE
ANG . INSTALLATI	ON AND		ARY CONSTR	OCTION			
ELFRIDGE ANG							
ELFRIDGE ANG	DASE,	MICHIGAN					
1. PERSONNEL	STRENG	TH AS OF	8 JUL 94				
		סקס	MANENT		GU	ARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL C		ENLIST
AUTHORIZED	1,104	39	527	538	1,805	228	1,57
	1,114	37	561	516	1,682	185	
ACTUAL	1,114	37	301	310	1,002	103	_, .,
2. RESERVE U	NIT DAT	'A					
					RENGTH	MIINT	
	UNIT DE	SIGNATION		AUTHORIZE	<u> AC</u>	TUAL	
	127	svcs		27		24	
	107	TFS		42		39	
	127			447		390	
•	127	MSS	-	. 42		34	
•	127	TAC CI		74		61	
	127	FW		49		46	
•	127	COM FT		35		29	
	127	SPF		57		55	
•	127	OSF		26		26	
•	127	RMS		107		98	
		WX FLT		19		19	•
	191	SVCS		34		25 .	
				95		90	
•	171			33		34	
	191	MSS		208		255	i
	191						
	191			46		37	
	191			55		49	
	191	CES		141		123	
	191	SPF		57		55	
	191	RMS		107		96	
	191	COMMS		39		35	
	191			41		38	
	127	SPTG		24		24	
			TOTALS	1,805	1	682	
3. MAJOR EQU	TDMENT	אח אדפתם	2 A F T				
.J. MOUREU	TELENI	HID HINCE	Marai di				
2	YPE			AUTHORIZE	<u>A</u> S	SSIGNED	
-16A/B Aircr	aft			15		18	
2-26B Aircraf				1		1	
2-130E				8		3	
				209		201	
Support Equip	ment.			209		201	

1. COMPONENT

FY 1996 MILITARY CONSTRUCTION PROJECT DATA

(computer generated)

3. INSTALLATION AND LOCATION

SELFRIDGE ANG BASE MICHIGAN

FY 1996 MILITARY CONSTRUCTION PROJECT DATA

(computer generated)

4. PROJECT TITLE

SELFRIDGE ANG BASE MICHIGAN

UPGRADE HEATING SYSTEMS

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)

55256F

821-116

VGLZ929902

\$2,900

9. COST ESTIMATES COST UNIT U/M QUANTITY COST (\$000) ITEM 2,217 UPGRADE HEATING SYSTEMS 430 SUPPORTING FACILITIES 250) LS UTILITIES LS 120) **PAVEMENTS** LS 60) SITE IMPROVEMENTS 2,647 SUBTOTAL 132 CONTINGENCY (5%) 2,779 TOTAL CONTRACT COST 139 SUPERVISION, INSPECTION AND OVERHEAD (5%) 2,918 TOTAL REQUEST TOTAL REQUEST (ROUNDED) 2,900

- 10. Description of Proposed Construction: The shutdown of the existing steam distribution system serving the remaining ten buildings on the east side of the base requires the installation of packaged heating systems. These will be grouped to most efficiently serve the affected buildings. Provide all utilities, pavements, site improvements, and support.
- 11. REQUIREMENT: As required.

PROJECT: Upgrade Heating Systems (Current Mission).

REQUIREMENT: This is a Level I environmental compliance project. State inspectors have determined that stack emissions exceed the regulatory level of 20% opacity. The base requires adequate heating systems which are economical to maintain, operate and do not pollute the air and ground water. Buildings 117, 118, 120, 124, 126, 127, 128, 129, 130, and 140 require packaged heating units.

CURRENT SITUATION: The base has a coal fired central heating plant which is antiquated and does not meet current and pending air quality emission standards. The central plant serves ten buildings through a system of approximately six miles of underground and above ground high temperature hot water lines. The central plant has old boilers which do not meet required emission control technology and are uneconomical to operate. The plant emissions do not meet federal and state air quality standards. There are numerous health and safety violations. The lines serving the buildings are old, poorly insulated, and need to be replaced. There are numerous leaks and substantial loss of energy through those leaks. The pipes have asbestos insulation. The electrical connections are old and corroded. Rain water runoff from the coal storage piles cause pollution of the groundwater. It is uneconomical to upgrade the heating plant to meet air quality standards. The base is in a non-attainment area for

ANG		FY 1996 MILITARY CONSTRUCTION PROJECT DATA	1 -	DATE	
		(computer generated)			
3. INSTA	LLATIC	ON AND LOCATION			
SELFRIDG 4. PROJE		BASE MICHIGAN	5. PROJE	CT NIIMB	
i. PROJE	CT TIT	:LE	5. PROUE	CI NOMB	Ľ.
JPGRADE	HEATIN	IG SYSTEMS	VGLZ9	29902	
					-
L2. SUP	PLEMEN	ITAL DATA:			
a. Es	timate	ed Design Data:			
/1	.) Sta	itus.			
( -	•	Date Design Started		93 APR	14
		Percent Complete as of Jan 95			58
		Date 35% Designed		94 DEC	15
		Date Design Complete		95 JUN	3(
(2	) Bas				
		Standard or Definitive Design -		NO .	
	(a)	Where Design Was Most Recently Used -		N/A	
(3	) Tot	cal Cost (c) = (a) + (b) or (d) + (e):		(\$0	00
,,,		Production of Plans and Specifications			45
	(b)				5(
	(c)	_		1	95
	(d)	Contract		1	95
	· (e)	In-house			
	. Cor	struction Start		96 A	DΙ
(4	, COL	SCIUCCION SCAIC		)	
				**	
		associated with this project will be provide	d from		
		associated with this project will be provide ations: N/A	d from		
			d from		
			d from		
			d from		
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			d from		

1. COMPONENT	FY 1996 GUARD AND			2. DATE
ANG	MILITARY CONSTR	OCTION		4. AREA CONST
	ST PAUL INT'L APT, MINNESOT	A		COST INDEX
E EDDOUBNOV	AND TYPE OF UTILIZATION			1.31
	ty assemblies per year, 15	dave annua	l field trai	ning per
	ise by technician/AGR force		ire ber weer	t tot migne
flying by air	crew members, and for othe	r training		
5 Army Nation Facilities, 3 Coast Guard H	TVE/GUARD/RESERVE INSTALLAT hal Guard Armories, 1 Air F I Naval Reserve Facility, 1 Reserve Facility, 1 Marine tion Station, 1 Naval Air R	orce Reser Naval Com Corps Rese	ve Base, 2 P munications rve Facility	Army Reserve Facility, 1
7 PROJECTS I	REQUESTED IN THIS PROGRAM:	FY 1996		
CATEGORY	TESTED IN THIS INCOME.		COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START CMPL
<u> </u>	THOUSE TITLE	20012	14000/	
116-672 ATR	CRAFT DEICING FACILITY		LS 400	FEB 94 MAR 9
	RADE HEATING SYSTEM		LS 780	
821-115 UPG	RADE REALING SISIEM		100	MMK 34 IBB 3
		· ·		
O CONTRACT	ERVE FORCES FACILITIES BOAR	D PECOMMEN	DATTON	
		D RECORMEN	DATION	31 AUG 94
Unitate	eral Construction Approved			(Date)
O TAND ACOII	ISITION REQUIRED	None		(Date)
9. LAND ACQU.	ISTITON REQUIRED	None	71	Number of Acres
10 PPO TECTE	PLANNED IN NEXT FOUR YEARS			tumber of nores
	PEANNED IN NEXT FOOK TEAKS		COST	
CATEGORY	DDO TECH WINTE	CODE	COST	
CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	•
	RADE REFUELING VEHICLE SHOP  VEHICLE WASHING FACILITY	2,600	SF 360	
	•			

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATION AND	LOCATION	
MINNEAPOLIS ST PAUL	L INT'L APT, MINNESOTA	•

### 11. PERSONNEL STRENGTH AS OF 16 AUG 94

	PERMANENT					GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	321	37	247	37	1,369	222	1,147
ACTUAL	311	37	240	34	1,360	216	1,144

### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATIO	<u>N</u>	AUTHORIZED	ACTUAL
133	SVF		43	36
133	OPS GP		6	6
133	LOG GP		7	. 8
133	SUP GP		5	5
133	OPS FT		20	19
133	ALCNFT		14	12
133	AW	_	51	47
109	AS		95	98
133	MNT SQ		183	176
133	MSF	•	34	34
133	MS		73	62
109	AES		131	137
133	COM FT	•	37	37
237	ATCF		68	. 58
208	WEA FT		25	25
133	CES		112	144
133	APS		101	91
133	SPS		. 57	53
133	LOG SQ		107	101
210	EIS		38	35
HQ	MNANG		162	138
1833	STU FT		0	38
		TOTALS	1,369	1,360

TYPE	AUTHORIZED	ASSIGNED
C-130E Aircraft	8	8
Support Equipment	169	161
Vehicle Equivalents	452	489

L. COMPONENT									2.	DATE
1	F	7 1996 MILITARY CO	ONSTRUCT	CION	PRO	<b>JECT</b>	DATA	<b>1</b>		
ANG		(compute	er gener	cate	ed)				<u> </u>	
3. INSTALLATI	ON ANI	LOCATION		4.	PRO	JECT 1	CITLE	E		
				Ī						
		INT'L APT MINNES								
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROS	JECI	וטא י	MBER	8. F	PROJEC	CT	COST (\$000
55256F		821-115	QJKI	1949	506					\$780
		9. cos:	r estima	ATES	3					
								נומט	r	COST
		ITEM				QUANT	YTI	COST	<u> </u>	(\$000)
PGRADE HEATI					LS		.			600
SUPPORTING FA		IES								110
ASBESTOS RE					LS					( 85
	ATION	& UTILITIES			LS					710
SUBTOTAL	F0.\									36
CONTINGENCY (	•	n '								746
		CTION AND OVERHEAD	) (5%)							37
OTAL REQUEST		SITON AND OVERNIEM	3 (30)				•			783
OTAL REQUEST		וחקטו								780
OIAD REQUEST	(1001	1000								
		•								
-										
•					,					
			. •							
		•		.						

- 10. Description of Proposed Construction: Shutdown of the existing steam boiler and distribution system will require replacement with a new hydronic heating system, peripherals, and a distribution system. Provide asbestos removal, site restoration, and utilities.
- 11. REQUIREMENT: As required.

PROJECT: Upgrade Heating System (Current Mission).

REQUIREMENT: This is a Level II environmental compliance requirement. This project will provide a heating system which is energy efficient and meets applicable clean air requirements mandated by the Clean Air Act Amendment of 1990. Buildings 684 and 686 require packaged heating units. CURRENT SITUATION: The base has a central heating plant which serves four buildings through an underground steam distribution system. boilers do not meet federal and state air quality emission standards. There are numerous health and safety violations, including friable asbestos insulation. The lines serving the buildings are old, corroded, poorly insulated, and need to be replaced. There are numerous leaks and substantial losses of energy through these leaks. These leaks also allow the chemically treated boiler water to enter the ground. The electrical connections are old and unsafe. It is uneconomical to upgrade the heating plant to meet air quality standards. The plant must be operated thoughout the year to allow the production of hot water to the various buildings. This project will provide smaller, energy efficient heating units that will meet air emission standards and will be more economical to operate The base is in a non-attainment area for Oxides. and maintain. IMPACT IF NOT PROVIDED: Violation of state and federal air and ground water environmental laws. Large energy losses. Health and safety hazards. Higher operating costs.

7. 3.T.C <sup>*</sup>	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	A
ANG 3 TNSTAL	(computer generated) ATION AND LOCATION	
J. INSIAL	ATION AND LOCATION	
MINNEAPOL	S ST PAUL INT'L APT MINNESOTA	
4. PROJEC	TITLE	5. PROJECT NUMBER
UPGRADE H	CATING SYSTEM	QJKL949506
10 4	DVDVD1 D101	
12. SUPP	EMENTAL DATA:	
a. Est	mated Design Data:	
(1)	Status:	
` '	(a) Date Design Started	94 MAR 18
	(b) Percent Complete as of Jan 95	95%
	(c) Date 35% Designed	94 JUL 14
	(d) Date Design Complete	95 FEB 15
/21	Basis:	
(2)	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
•		·
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	(a) Production of Plans and Specifications	36
	(b) All Other Design Costs	20 56
	(c) Total (d) Contract	56
•	(e) In-house	
	` '	
(4)	Construction Start	96 APR
. Equip	ment associated with this project will be provided	d from
other app	opriations: N/A	

1. COMPONENT FY 1996 GUARD AND R				2. DAT	<u> </u>
ANG MILITARY CONSTRUC	TION			1	
3. INSTALLATION AND LOCATION				.	A CONSTI
ATLANTIC CITY INTERNATIONAL AIRPORT, NEW	JERSÉY				r INDEX
				, 1	.20
5. FREQUENCY AND TYPE OF UTILIZATION	_				
Four Unit Training Assemblies per month,				traini	ng per
year, daily use by technician/AGR force a	nd for ti	caini	ng.		
·					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIO	NS WITHIN	N 15	MILE RA	DIUS	
2 Army National Guard Armories, 1 Coast G	uard Trai	Lning	Center		
•					
•					
7. PROJECTS REQUESTED IN THIS PROGRAM: F	Y 1996				
CATEGORY			COST	DESIGN	STATUS
CODE PROJECT TITLE	SCOPE		(\$000)	START	CMPL
			•		
840-000 UPGRADE SANITARY AND		LS	650	APR 94	MAY 9
WATER SYSTEMS					
			•		
		•			
•					
•			-		•
,	•	•	•		
8. STATE RESERVE FORCES FACILITIES BOARD	RECOMMENI	OATIO	N .		•
Unilateral Construction Approved				15 NO	v 93 <sup>≇</sup>
•	•			(Da	te)
9. LAND ACQUISITION REQUIRED N	one				
·			(N	umber o	f Acres
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY			COST		
CATEGORY	SCOPE				
	SCOPE		COST (\$000)		
CATEGORY  CODE PROJECT TITLE		SF	(\$000)		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY	SCOPE 13,000	SF			
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY			(\$000)		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		
CATEGORY  CODE PROJECT TITLE  171-447 TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000		2,200		

#### 2. DATE FY 1996 GUARD AND RESERVE 1. COMPONENT ANG MILITARY CONSTRUCTION

3. INSTALLATION AND LOCATION ATLANTIC CITY INTERNATIONAL AIRPORT, NEW JERSEY

### 11. PERSONNEL STRENGTH AS OF 30 JUN 94

	PERMANENT					GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	337	4	50	283	1,037	104	933
ACTUAL	337	4	50	283	995	100	895

#### 12. RESERVE UNIT DATA

		S			
UNIT D	ESIGNATION	•	AUTHORIZED	ACTUAL	
177	FG		74	65	
119	FS		38	39	
177	MSQ		385	356	
177	LSQ		107	. 99	
177	COM		43	41	
177	MSS FT		34	32	
177	CES		140	155	
177	SPS		85	88	
177	MED SQ	•	55	52	
177	SVF	•	30	25	
177	OPS GP		3	2	
177	LGS GP		16	: 15	
177	SPT GP		5	5	
177	OPS FT		22	21	
		TOTALS	1,037	995	

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	23
(Converting to C Model 95/2)	0	0
Support Equipment	115	103
Vehicle Equivalents	267	293

1. COMPONENT								2.	DATE
	FY :	1996 MILITA	ARY CON	STRUCT	CION	PROJECT	DAT	ra	
ANG	٠.	( 00	omputer	gener	ated	)			
3. INSTALLAT	ON AND I	OCATION			4. P	ROJECT !	CITI	Œ	
ATLANTIC CITY INTERNATIONAL AIRPORT UPGRADE SANITARY AND									
NEW JERSEY					WATE	R SYSTE	4S		
5. PROGRAM EI	LEMENT 6	CATEGORY	CODE 7	. PROJ	JECT	NUMBER	8.	PROJECT	COST(\$000)

55256F 840-000 AQRC949677

9. COST ESTIMA	TES			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
UPGRADE SANITARY AND WATER SYSTEMS	LS			540
EXTEND WATER LINES	LS			( 300)
EXTEND SANITARY SEWER LINES	LS		•	( 100)
CONSTRUCT COVERED VEHICLE WASHRACK	LS			( 140)
SUPPORTING FACILITIES		1		50
PAVEMENTS	LS			( 10)
SITE IMPROVEMENTS	LS			( <u>40</u> )
SUBTOTAL	ļ		•	590
CONTINGENCY (5%)				30
TOTAL CONTRACT COST	-			620
SUPERVISION, INSPECTION AND OVERHEAD (5%)				31
TOTAL REQUEST	- 1			651
TOTAL REQUEST (ROUNDED)	İ			650
		]		
	,			
	.	·		

- 10. Description of Proposed Construction: Install 3,200 LF of potable water lines. Install 8,000 LF of sanitary sewer system. Construct a covered vehicle washrack area. Provide pavements and site improvements.
- 11. REQUIREMENT: As required.

PROJECT: Upgrade Potable Water and Sanitary Sewer System (Current Mission).

REQUIREMENT: This is a Level I environmental requirement. The base requires environmentally safe drinking water and sanitary sewer systems to comply with 57 FR 31776, which is promulgating maximum contaminant level goals and national drinking water regulations for organic and inorganic chemicals, the State of New Jersey 7.10 Safe Drinking Water Act, and the State of New Jersey 7.9A Standards for Individual Subsurface Sewage Disposal Systems.

CURRENT SITUATION: The munitions storage and the F-16 alert areas are not contiguous to the main base and have inadequate drinking water and sewer systems. They have six septic tanks to dispose of the sewage while the rest of the base is connected to the city sanitary treatment plant. The septic tanks are old and do not work properly. There have been frequent repairs and malfunctions. Temporary facilities have had to be used frequently until the system can be made to work again. This project will connect the area to the rest of the base and the septic tanks can be removed. The areas also have their own water wells. Water quality fluctuates and frequently does not meet state drinking water quality standards. The well water is treated but this is insufficient to remove the impurities. Tests show high copper content in some of the buildings. This project proposes the connection of the water line to the nearby Federal Aviation Administration system which has a water treatment plant.

\$650

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT	DATA	2. DA	ATE
ANG	(computer generated)			
	ON AND LOCATION  INTERNATIONAL AIRPORT NEW JERSEY			
4. PROJECT TI	PLE	5. 7	PROJECT	NUMBER
	ADV AND WATED SYSTEMS		AORC9496	

The base also does not have an area for performing corrosion control on oversized vehicles. The work is being done in parking lots and inside hangars. Vehicle wash water containing detergent and grease/oils is not being properly contained and treated.

IMPACT IF NOT PROVIDED: Unable to comply with federal and state clean water environmental requirements. Unable to comply with state drinking water and sewage disposal standards. The state may fine the base. The Air National Guard could receive unfavorable publicity.

. COMPONE	ENT			2. DATE
		FY 1996 MILITARY CONSTRUCTION PROJECT	r DATA	
NG	NOTO:	(computer generated)		<u> </u>
. INSTALL	ATION	N AND LOCATION		
TLANTIC C	ו אדוי	INTERNATIONAL AIRPORT NEW JERSEY		•
PROJECT			5. PR	OJECT NUMBER
PGRADE SA	NITAF	RY AND WATER SYSTEMS	AQI	RC949677
2. SUPPI	LEMENT	TAL DATA:		
. 5		3 Paris Paka		
a. Esti	matec	d Design Data:		
(1)	Stat	cus:		
(-)		Date Design Started		94 APR 05
		Percent Complete as of Jan 95		409
		Date 35% Designed		94 NOV 30
	(d)	Date Design Complete		95 MAY 3
	n - '			
(2)	Basi	ls: Standard or Definitive Design -		NO
		Where Design Was Most Recently Used -		N/A
	(~)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		21, 22
(3)	Tota	al Cost (c) = (a) + (b) or (d) + (e):		(\$000
		Production of Plans and Specifications		3!
		All Other Design Costs		18
,		Total	•	5.
•		Contract In-house		53
	(=)	In-nouse		
(4)	Cons	struction Start		96 MAY
. Equipm	ant s	associated with this project will be pro	ovided from	n
. Equipa ther appr			ovided iio	
oner appr	. op	.,		
			•	
		•		

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATION	ON AND LOCATION	4. AREA CONSTR
MCGUIRE AIR FO	DRCE BASE, NEW JERSEY	COST INDEX
		1.19
5 EDECLIENCY	AND TYPE OF UTILIZATION	

5. FREQUENCY AND TYPE OF UTILIZATION
Two Unit Training Assemblies per month, 15 days annual field training per year, daily training by technician/AGR force and for training.

- 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 2 Army National Guard Armories, 1 Naval Facility and 1 Active Army Post.
- 7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

  CATEGORY

  CODE

  PROJECT TITLE

  SCOPE

  (\$000)

  START

  CMPL

  211-179 FUEL CELL AND CORROSION

  CONTROL FACILITY

  29,400 SF 5,700 OCT 92 FEB 95
- 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
  Unilateral Construction Approved 15 NOV 93
  (Date)

9. LAND	ACQUISITION REQUIRED	None		<u> </u>		
				(Numbe	er of Ac	res)
10. PROJ	ECTS PLANNED IN NEXT FOUR YEARS	•		,		·
CATEGORY				COST		
CODE	PROJECT TITLE	SCOPE		<u>(\$000)</u>		•
141-753	ALTER SQUADRON	26,400	SF	750		
	OPERATIONS FACILITY					
141-753	CONSOLIDATED SQUADRON	44,700	SF	6,600		
	OPERATIONS FACILITY					
171-450	MEDICAL TRAINING FACILITY	6,000	SF	760		
211-111	CONSOLIDATED AIRCRAFT	51,100	SF	8,600		
	MAINTENANCE HANGAR					
219-944	COMPOSITE BASE CIVIL ENGINEER	24,000	SF	3,250		
	MAINTENANCE FACILITY					
871-183	INDUSTRIAL WASTE TREATMENT		LS	750		
	FACILITY					

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATIO	ON AND LOCATION DRCE BASE, NEW JERSEY	

# 11. PERSONNEL STRENGTH AS OF 9 AUG 94

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	567	128	395	44	1,552	230	1,322
ACTUAL	504	125	335	44	1,725	248	1,477

### 12. RESERVE UNIT DATA

•			STRENGTH			
UNIT DE	SIGNATION	•	AUTHORIZED	ACTUAL		
HQ	NJ ANG		32	29		
HQ	108ARW		65	87		
108	OPS FT		44	34		
141	ARS		69	62		
141	AGU		0	0		
150	ARS		65	72		
108	OPS GP		8	1		
108	LOG GP		18	0		
108	MNT SQ	•	544	592		
108	LOG SQ		145	194		
108	SPT GP		. 5	6		
108	MSS		43	56		
108	COMMFT		, <b>3</b> 6	62		
108	SPS		118	125		
108	CES		132	190		
108	svc		52	45		
108	CLINIC		57	55		
170	CLINIC		55	50		
108	DET 2		40	39		
204	WEA FT		24	26		
		TOTALS	1,552	1,725		

TYPE	AUTHORIZED	ASSIGNED
KC 135 Aircraft	19	21
C-135B	. 1	1
C-26A	1	·1
Support Equipment	430	410
Vehicle Equivalents	380	380

1. COMPONENT			2. DATE
	FY 1996 MILITARY CONS	STRUCTION PROJECT DATA	
ANG	. (computer	generated)	
3. INSTALLATI	ON AND LOCATION	4. PROJECT TITLE FUEL CELL AND CORROS	SION
MCGUIRE AIR F			
5. PROGRAM EL	EMENT 6. CATEGORY CODE 7.	. PROJECT NUMBER 8. PROJE	CT COST(\$000)

51411F 211-179 PTFL949564 \$5,700

9. COST ESTIMATES

7. CODI BOTTIMITI				1
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
FUEL SYSTEMS MAINTENANCE DOCK	SF	29,400		4,271
FUEL SYSTEMS MAINTENANCE DOCK	SF	23,800	150	( 3,570)
FUEL SYSTEMS SHOPS	SF	2,500	125	( 313)
CORROSION CONTROL SHOPS	SF	1,500	125	( 188)
MEDIA STRIPPING AREA	SF	1,600	125	( 200)
SUPPORTING FACILITIES .				900
UTILITIES	LS	:		( 250)
PAVEMENTS	LS			( 200)
SITE IMPROVEMENTS	LS	,		( 100)
FIRE SUPPRESSION	LS			( <u>350</u> )
SUBTOTAL	1			5,171
CONTINGENCY (5%)				259
TOTAL CONTRACT COST				5,430
SUPERVISION, INSPECTION AND OVERHEAD (5%)				272
TOTAL REQUEST			•	5,702
TOTAL REQUEST (ROUNDED)				5,700
		·		,
		'		

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab; structural steel and masonry with insulated panel walls and roof structure. All utilities, access pavements, fire suppression, and support.

Air Conditioning: 15 Tons.

11. REQUIREMENT: 48,900 SF ADEQUATE: 19,500 SF PROJECT: Fuel Cell and Corrosion Control Facility (New Mission). REQUIREMENT: The project supports the conversion of F-16 to KC-135 aircraft and the consolidation of the two squadrons and two locations into one squadron and one location. The facility is needed to provide control of fugitive paint and volatile and abrasive particulates, in compliance with New Jersey environmental regulation Title 7, Chapter 27, Air Pollution control for Emission of VOC and Fugitive Paint, and the Federal Clean Air Act of 1990. Both the act and the regulation prohibit practices that allow particulates to become airborne. Functional areas include fuel cell hangar, bladder repair shop, and associated support shop areas which must meet air quality control standards. Additionally, secondary containment is needed to meet spill containment requirements in accordance with 40 CFR 122.6. In the associated support shop areas, paint stripping and blasting operations require controlled containment in a centralized area that complies with proper environmental air quality and controls. CURRENT SITUATION: The unit has only one facility to perform fuel cell maintenance and corrosion control on 19 KC-135 aircraft. This has been found to be grossly inadequate. Weather conditions and environmental regulations mandate that fuel cell maintenance be performed indoors since it requires that the aircraft have fuel bladders and cells open for a considerable time. The work is now being performed in a hangar and on the

1. COMPONENT			2. DF	ATE
FY 1996 MILITAR	Y CONSTRUCTION PROJECT DAT	ΓA		
ANG (com	puter generated)		<u> </u>	
3. INSTALLATION AND LOCATION  MCGUIRE AIR FORCE BASE NEW JERSE	Y ´			
 4. PROJECT TITLE		5. PR	OJECT	NUMBER
 FUEL CELL AND CORROSION CONTROL	FACILITY	PT	FL9495	564

ramp, weather permitting. Both locations are violations of aircraft technical orders. The ramp does not have the proper containment for fuel spills, which is in violation of Federal and State spill containment standards. Fuel on the ramp is washed down and ends up in the nearby stream which runs off base. The building does not have explosion proof fixtures, volatile organic carbon extraction system, or a containment drain to collect fuel. Upon completion of this project, the following buildings will be returned to the host base for disposition: 19-30, 19-31,19-32, and 19-37 totaling 31,690 SF.

IMPACT IF NOT PROVIDED: Fuel cell maintenance and corrosion control is not being performed on time. The unit operational readiness is degraded. Compliance with Federal and State environmental regulations are not met subjecting the unit to fines and notices of violations. Inadequate maintenance and inadequate training. The Air Force and Air National Guard could receive unfavorable publicity if a fuel spill is not contained.

ADDITIONAL: As a result of BRAC 93 reallignment, all facilities are being fully utilized. An exception to the economic analysis requirement has been prepared for this project showing that there is no alternative other than new construction.

. COMPONENT	?	2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT DA	TA
NG .	(computer generated)	
. INSTALLAT	TION AND LOCATION	
COUTER ATE	FORCE BASE NEW JERSEY	
. PROJECT		5. PROJECT NUMBER
UEL CELL AN	ND CORROSION CONTROL FACILITY	PTFL949564
2. SUPPLE	MENTAL DATA:	
a. Estima	ated Design Data:	,
(1) 5	Status:	
, ,	a) Date Design Started	92 OCT 10
	p) Percent Complete as of Jan 95	959
•	c) Date 35% Designed	94 JUN 0
	d) Date Design Complete	95 FEB 28
,,	-, 223 Sosign compileto	, , , , , , , , , , , , , , , , , , ,
(2) E	Basis:	
	a) Standard or Definitive Design -	NO
(ì	o) Where Design Was Most Recently Used -	N/A
(3)	Cotal Cost (c) = (a) + (b) or (d) + (e):	(\$00
	a) Production of Plans and Specifications	280
	o) All Other Design Costs	10
	c) Total	38
-	l) Contract	380
•	e) In-house	:
. (•	e) In-house	
(4)	Construction Start	96 API
		•
	nt associated with this project will be provid	ed from
ther approp	oriations: N/A	
	•	
•		
	•	
	•	
•	•	
•		

	FY 1996 GUARD AL	ND RESERVE		2. DATE	2
ANG	MILITARY CONST	TRUCTION			
	ION AND LOCATION			4. AREA	CONST
VARREN GROVE	RANGE, NEW JERSEY			cosi	INDEX
				1.	15
Two unit tra:	AND TYPE OF UTILIZATION ining assemblies per month military members, DoD agaities.	<u> </u>			
	IVE/GUARD/RESERVE INSTALLA miles, US Naval Air Engine				
7. PROJECTS I	REQUESTED IN THIS PROGRAM	: FY 1996			
CATEGORY			COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL
	POSITE RANGE OPERATIONS	8,625 SF	1,100	NOV 91	AUG 9
	•				
			· .		. •
	ERVE FORCES FACILITIES BOR eral Construction Approved		ON	15 NOV	
A LAND ACOU	ISITION REQUIRED	None		1540	,
	.DIIION NEgotines	,	( N	umber of	Acres
10. PROJECTS	PLANNED IN NEXT FOUR YEAR	RS			
CATEGORY			COST		
CODE	PROJECT TITLE	SCOPE	(\$000)	•	
		•			
		•			
		•			
		•		,	
				·	
				,	

1. PERSONNEL	STRENGT	AS OF	12 AU	G 94			······································			
		DEB	MANEN	ጥ				GUARD/RES	ERVE	
	TOTAL	OFFICER			CIVIL	IAN	TOTAL	OFFICER		
AUTHORIZED ACTUAL	11 11	2 2		9 9		0	11 11	2 2		9
.2. RESERVE U	NIT DATA					C'	TRENGTH			
	UNIT DES	IGNATION	<u> </u>		AUT	HORIZE		ACTUAL		
	DET1	HQ WGR	TO	TALS	_	11 11		<u>11</u>	. •	
,										
					-		•			
, ·					• :					
				•				•		
13. MAJOR EQU	IPMENT A	ND AIRCE	RAFT	· · · · · · · · · · · · · · · · · · ·						
<u>T</u>	YPE			•	AUT	HORIZE	D	ASSIGNED		
						0		0		

1. COMPONENT		2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJE	ECT DATA
ANG	(computer generated)	
3. INSTALLATI	ION AND LOCATION 4. PROJECT COMPOSITE	CT TITLE E RANGE OPERATIONS
WARREN GROVE	RANGE NEW JERSEY FACILITY	
5. PROGRAM EI	LEMENT 6. CATEGORY CODE 7. PROJECT NUMBE	ER 8. PROJECT COST(\$000)

\$1,100 179-481 YKSX919683 55296F

9. COST ESTIMATES

A A A A A A A A A A A A A A A A A A A			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
COMPOSITE RANGE OPERATIONS FACILITY	SF	8,625		860
RANGE OPERATIONS	SF	3,300	105	( 347)
VEHICLE OPERATIONS	SF	2,500	100	( 250)
VEHICLE MAINTENANCE	SF	1,600	100	( 160)
SUPPLY STORAGE	SF	1,000	80	( 80)
TRAINING AREA	SF	225	100	( 23)
SUPPORTING FACILITIES				150
UTILITIES/PAVEMENTS/SITE IMPROVEMENTS	LS	1		( 95)
REPLACE UNDERGROUND FUEL STORAGE TANKS	LS			( 25)
PRE-WIRED WORK STATIONS	LS			(30)
SUBTOTAL				1,010
CONTINGENCY (5%)				51
TOTAL CONTRACT COST				1,061
SUPERVISION, INSPECTION AND OVERHEAD (5%)				53
TOTAL REQUEST				1,114
TOTAL REQUEST (ROUNDED)				1,100
				•
	'			

10. Description of Proposed Construction: Reinforced concrete foundations, floor slabs, steel frame and roof, paved access, fire protection, and all necessary utilities and support. Replace underground storage tanks.

Air Conditioning: 10 Tons.

O SUBSTANDARD: 11. REQUIREMENT: 8,625 SF ADEQUATE: PROJECT: Composite Range Operations Facility (Current Mission). REQUIREMENT: This range, although operated by the Air National Guard, is used by the Total Force and is one of the few bombing ranges on the east coast. The range requires a properly sized and configured facility to support the range operations. Functional areas include: vehicle maintenance, vehicle operations, supply storage and range operations. CURRENT SITUATION: Range operations are split between a leased temporary facility and a very small WWII quonset hut. Vehicle maintenance is performed in a facility not designed for this type of operation. operations and maintenance activities are done in extremely small areas not appropriate for the needs. All the facilities have outlived their economic life. They are poorly insulated and grossly undersized. are health and safety hazards. Effective command and control of the range operation does not exist. The facilities do not represent quality work The range is manned by two officers and nine enlisted personnel and is extensively used on weekdays and also on weekends. This range provides training and operational capabilities to the Defense Department at a low operational cost. Upon completion of this project, the following will be demolished: Building 2 at 882 SF and Building 15 at 88 SF. Temporary facility lease will be terminated. IMPACT IF NOT PROVIDED: Ineffective command and control of range

. COMPONENT	FY 1996 MILITAR	Y CONSTRUCTION PRO	OJECT DATA	2. DATE
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. INSTALLATIO	N AND LOCATION			
ARREN GROVE R	ANGE NEW JERSEY			
. PROJECT TIT			5. PR	OJECT NUMBE
OMPOSITE RANG	E OPERATIONS FACIL	ITY	YK	sx919683
lgher operati	d result in an acc ng costs and loss ld effect personel	of training opport	tunities. Poo	r facility
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. 00111 011	ENT			2. DATE
		FY 1996 MILITARY CONSTRUCTION PROJECT D.	ATA	
NG	I ATTO	(computer generated) N AND LOCATION		
· INSTAL	LATIO	N AND LOCATION		
ARREN GR	OVE R	ANGE NEW JERSEY		
. PROJEC	r TIT	LE	5. P	ROJECT NUMBER
OMPOSITE	RANG	E OPERATIONS FACILITY	<u> Y</u>	KSX919683
0 00000	- macmat	mar nama.		
2. SUPP	LEMEN	TAL DATA:		
a. Est	imate	d Design Data:		
(1)	Sta	tus:		
		Date Design Started		91 NOV 22
		Percent Complete as of Jan 95		100%
		Date 35% Designed		93 DEC 12
	(d)	Date Design Complete		94 AUG 09
(2)	Bas	is:		
(-)		Standard or Definitive Design -		NO
		Where Design Was Most Recently Used -		N/A
(3)		al Cost (c) = (a) + (b) or (d) + (e):		(\$000
		Production of Plans and Specifications		45
		All Other Design Costs		. 25
		Total Contract	•.	70 70
	(a) (e)		,	. 70
	(-)		•	•
(4)	Con	struction Start		96 MAY
. Equip	ment	associated with this project will be provi	ded fr	nm .
ther app			uou 11.	<b>5</b>
	•	,		
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FY 1996 GUARD AND RESERVE	2. DATE	
MILITARY CONSTRUCTION		
ON AND LOCATION	4. AREA CONSTR	
KIRTLAND AIR FORCE BASE, NEW MEXICO		
, , , , , , , , , , , , , , , ,		
	MILITARY CONSTRUCTION ON AND LOCATION	

#### 5. FREQUENCY AND TYPE OF UTILIZATION

Four Unit Training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 3 Army National Guard Armories, 2 Army Reserve Facilities, 1 Naval/Marine Reserve Facility

7. PROJE	CTS REQUESTED IN THIS PROGRAM:	FY	1996						
CATEGORY					COST	DESI	GN	STATU	s
CODE	PROJECT TITLE		SCOPE		(\$000)	STA	RT	CMPL	
211-111	ALTER AIRCRAFT MAINTENANCE HANGAR AND SHOPS		32,200	SF	900	MAR	91	AUG	94
211-157	COMPOSITE ENGINE AND NDI SHOP		24,600	SF	2,700	AUG	91	JAN	95
211-159	AIRCRAFT CORROSION CONTROL FACILITY		11,300	SF	1,800	NOV	91	FEB	95
217-713	LANTIRN MAINTENANCE FACILITY		5,300	SF	620	NOV	91	FEB	95

8.	STATE	RESERVE	FORCES	FACILITIES	BOARD	RECOMMENDATION		
-	Uni	ilateral	Constru	action Appro	oved	•	29 JA	N 94
							(Da	te)

9. LAND ACQUISITION REQUIRED	None	
		(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
CATEGORY	(	COST
CODE PROJECT TITLE	SCOPE (	\$000)
131-111 COMPOSITE COMMUNICATION AND STATE HEADQUARTERS FACILITY	10,400 SF	2,300
141-753 ADD TO AND ALTER SQUADRON OPERATIONS FACILITY	22,300 SF	3,000
216-642 MUNITIONS MAINTENANCE AND STORAGE COMPLEX	17,900 SF	2,900
442-758 ADD TO AND ALTER BASE	41,000 SF	1,950

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATION	N AND LOCATION	
KIRTLAND AIR FO	ORCE BASE, NEW MEXICO	

### 11. PERSONNEL STRENGTH AS OF 16 AUG 94

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	363	40	319	4	1,054	123	931
ACTUAL	354	40	310	4	1,072	120	952

### 12. RESERVE UNIT DATA

•				STRENGTH			
UNIT DESIGNATION				AUTHORIZE	ED	ACTUAL	
HQ	NM AN	G			28		28
150	FG				49		48
150	MED S	Q			32		36
150	MSS S	Q			34		32
150		Q			464		483
150	CES				110		. 99
150	SVS F	T	*		34		32
150	SPS				57		57
150	LOG S	Q			107		104
150	CMN F	'T			35		39
150	SUP G	P			5		5
188	FS				. 42		50
8150	STU F	T			, 5		20
150	OPS G	P			3	1	3
150	LOG G	P			16		15
150	OSF			å	33		21
			TOTALS		1,054		1,072

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	18	25
C-26 Aircraft	1	1
Support Equipment	171	150
Vehicle Equivalents	179	86

1. COMPONENT			2. DATE
	FY 1996 MILITARY CON	NSTRUCTION PROJECT DATA	
ANG	- (computer	generated)	
3. INSTALLATI	ON AND LOCATION	4. PROJECT TITLE	
		ALTER AIRCRAFT MAINT	ENANCE
KIRTLAND AIR	FORCE BASE NEW MEXICO	HANGAR AND SHOPS	
5. PROGRAM EI	EMENT 6. CATEGORY CODE	7. PROJECT NUMBER 8. PROJE	CT COST(\$000)

52620F 211-111 MHMV899520

\$900 9. COST ESTIMATES UNIT COST (\$000) U/M QUANTITY COST ITEM 445 32,200 ALTER MAINTENANCE HANGAR AND SHOPS SF (240)24,000 10 SF ALTER MAINTENANCE HANGAR ALTER GENERAL PURPOSE SHOPS SF 4,200 25 (105)SF 4,000 25 (100) ALTER ORGANIZATIONAL MAINTENANCE SHOPS 370 SUPPORTING FACILITIES 30) LS UTILITIES 100) ASBESTOS REMOVAL LS FIRE SUPPRESSION LS 210) TEMPORARY FACILITY LS .30) 815 SUBTOTAL CONTÍNGENCY (5%) 41 856 TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) 43 899 TOTAL REQUEST 900 TOTAL REQUEST (ROUNDED)

- Relocate interior walls and Description of Proposed Construction: extend and upgrade utilities. Remove asbestos. Provide a fire suppression system, and extend and upgrade the fire detection system. Air Conditioning: 25 Tons.
- 55,000 SF ADEQUATE: 22,800 SF SUBSTANDARD: 32,200 SF REQUIREMENT: PROJECT: Alter Aircraft Maintenance Hangar and Shops (New Mission). REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft. Adequate facilities are necessary to support the general aircraft maintenance functions associated with the F-16. The aircraft requires functionally adequate, energy efficient aircraft maintenance shops and a maintenance control complex to accomplish aircraft repair, fabrication, calibration, training, servicing, and administration. facility and equipment need to be protected from potential fires. CURRENT SITUATION: The hangar and shop complex was constructed in the early 1950's. Several shops have been added and several modified as the unit converted from one aircraft to another over the years, leading to an inefficient interior layout. The facilities' infrastructure needs to be upgraded to accommodate the highly complex equipment required to keep the F-16 aircraft and all its components operational. Shops are not properly sized, organized or arranged and need to be relocated, resized and upgraded to provide for efficient and quality F-16 maintenance. facility does not meet energy conservation standards; the electrical system needs to be upgraded in order to provide adequate power; the ventilation in the shops is inadequate and non-existent in altered/resized areas; the administrative area needs upgrading to provide a more functional working environment. The building has interior asbestos that needs removal. The facility has numerous health, safety and fire code

1. COMPONENT ANG	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
	ON AND LOCATION  FORCE BASE NEW MEXICO	
4. PROJECT TI		PROJECT NUMBER

violations. Facility has inadequate fire detection and fire suppression systems in the shops and administration areas. The hangar bay area has an inadequate fire detection system and no fire suppression system. IMPACT IF NOT PROVIDED: Increased backlog and inefficient repair of aircraft. Improper training. Decreased operational readiness of the unit and inability to maintain the F-16 aircraft. Increased energy costs. Health and safety hazards. Lack of adequate fire detection and suppression systems continue to leave multi-million dollar resources inadequately protected.

ALTER AIRCRAFT MAINTENANCE HANGAR AND SHOPS

ADDITIONAL: Temporary administration space will be provided under this project during the time the building is being altered. Upon completion of the construction these facilities will be removed from base.

. COMPONENT		2202	2. DATE
\NG	FY 1996 MILITARY CONSTRUCTION PROJECT (computer generated)	DATA	
	ON AND LOCATION		
	FORCE BASE NEW MEXICO		
. PROJECT T	TLE	5. P	ROJECT NUMBER
ALTER AIRCRA	TT MAINTENANCE HANGAR AND SHOPS	м	HMV899520
2. SUPPLEME	ENTAL DATA:		
a. Estimat	ed Design Data:		
(1) St	atus:		
	Date Design Started		91 MAR 02
	Percent Complete as of Jan 95		1009
	Date 35% Designed		92 JUL 01 94 AUG 01
(d)	Date Design Complete		F4 MUG U.
(2 <sub>.</sub> ) Ba			
	Standard or Definitive Design -		NO
(b)	Where Design Was Most Recently Used -		N/A
(3) To	otal Cost (c) = (a) + (b) or (d) + (e):		(\$000
	Production of Plans and Specifications		50
	All Other Design Costs		26
(c)	•		76 76
	Contract In-house		76
(0)	In house		·
(4) Co	onstruction Start		96 MAF
		•	
	associated with this project will be pro	vided fr	om
other appropi	riations: N/A		
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1. COMPONENT

FY 1996 MILITARY CONSTRUCTION PROJECT DATA
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(computer generated)

3. INSTALLATION AND LOCATION

KIRTLAND AIR FORCE BASE NEW MEXICO

COMPOSITE ENGINE AND NDI SHOP

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)

52620F 211-157 MHMV899517 \$2,700

9. COST ESTIMATES

J. COST ESTIMAT	20			
·			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
COMPOSITE ENGINE AND NDI SHOP	SF	24,600		2,182
ENGINE SHOP	SF	12,000	120	( 1,440)
NDI SHOP	SF	3,500	125	( 438)
ENGINE STORAGE SHELTER	SF	1,000	85	( 85)
ALTER AGE AND GENERAL PURPOSE SHOPS	SF	8,100	27	( 219)
SUPPORTING FACILITIES				270
UTILITIES	LS			( 120)
SITE IMPROVEMENTS	LS			( 50)
PAVEMENTS	LS			(100)
SUBTOTAL				2,452
CONTINGENCY (5%)				123
TOTAL CONTRACT COST				2,575
SUPERVISION, INSPECTION AND OVERHEAD (5%)	İ			129
TOTAL REQUEST				2,704
TOTAL REQUEST (ROUNDED)	1.			2,700
	·			
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10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls and built up roof. Provide overhead cranes, all utilities, access pavements, and site improvements. Convert engine shop to AGE by rearranging interior walls and by moving, upgrading, and extending the utilities.

Air Conditioning: 15 Tons.

11. REQUIREMENT: 24,600 SF ADEQUATE: 0 SUBSTANDARD: 14,912 SF PROJECT: Composite Engine and NDI Shop (New Mission).

REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft. Adequate facilities are necessary to support the engine maintenance functions associated with the F-16 aircraft. The jet engines require disassembly, inspection, minor and major repairs, and reassembly in a safe a properly configured area with sufficient lighting and ventilation. An engine trailer storage shelter and a Non Destructive Inspection (NDI) shop are also required. Adequately sized and properly configured maintenance areas are needed for inspection, repair, service, and storage of aircraft ground support equipment. An area is required for the electro-environmental, battery, and wheel/tire shops. Training, administration, and storage space to complement the maintenance areas are also required.

CURRENT SITUATION: The engine shop is a structurally sound facility but is grossly undersized and poorly configured. The work stations, engine storage, and tools, occupy most of the floor space. The remaining area is crowded with administrative offices, bearing room, parts cleaning, tool crib, shop chief, and toilets. Manhours are lost moving engines/equipment and improvising. Environmental controls, lighting, and ventilation are substandard. The engine shop is only 8,000 SF while the minimum required

1. COMPONE	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
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	ATION AND LOCATION AIR FORCE BASE NEW MEXICO	
4. PROJECT	_	PROJECT NUMBER
COMPOSITE	ENGINE AND NDI SHOP	MHMV899517

is 12,000 SF. Since 1992 there has been a significant decrease in the the capability of the personnel to maintain and repair the engines in the severely overcrowded space. The NDI shop is less than 50% of the required size. There is insufficient space for all the equipment. This results in work backlog due to waiting time for the availability of equipment. Training opportunities are lost. There is a need for a larger NDI shop but it cannot be expanded. The engine shop area will be altered to support AGE and other aircraft maintenance functions which are also extremely short of space as a result of the aircraft conversion. This will allow the disposal of other older buildings. Upon completion of this project the following will be demolished: Building 1051 at 6,000 SF and Building 1040 at 812 SF for a total of 6,812 SF. IMPACT IF NOT PROVIDED: The unit is unable to reach full operational capability. Readiness is degraded. Training and productive time is lost. Unsafe and poor working conditions continue. This directly impacts the output of these shops and degrades the capability. Training sorties are lost. Lack of space adversely affects the quality of maintenance that needs to be performed on the F-16 aircraft. ADDITIONAL: An economical analysis has been prepared comparing various

alternatives. Based on that analysis new construction is the best option

over the expected life of the facilities.

. COMPON	ENT			2. DATE
.NG		FY 1996 MILITARY CONSTRUCTION PROJECT (computer generated)	DATA	
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		PORCE BASE NEW MEXICO	- I	
. PROJEC	r TIT	LE	5. PF	ROJECT NUMBER
OMPOSITE	ENGI	NE AND NDI SHOP	МН	MV899517
2. SUPP	LEMEN	TAL DATA:		
a. Est	imate	ed Design Data:		
(1)		atus:		
		Date Design Started		91 AUG 30
		Percent Complete as of Jan 95		1009
		Date 35% Designed		93 MAY 33
	(d)	Date Design Complete		95 JAN 0:
(2)		sis:		
		Standard or Definitive Design -		NO
	(p)	Where Design Was Most Recently Used -		N/A
(3)		cal Cost (c) = (a) + (b) or (d) + (e):		(\$00
		Production of Plans and Specifications		. 9
		All Other Design Costs	•	5.
		Total		15: 15:
		Contract		13
	(e)	In-house		
(4)	Con	nstruction Start		96 MA
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o. Equip other app		associated with this project will be proviations: N/A	rided II.	Jiii
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1. COMPONENT	2. DATE			
	FY 1996 MILITARY CONSTRUCTION PROJECT DATA			
ANG	(computer generated)			
3. INSTALLAT	3. INSTALLATION AND LOCATION 4. PROJECT TITLE			
	AIRCRAFT CORROSION			
KIRTLAND AIR FORCE BASE NEW MEXICO CONTROL FACILITY				
5. PROGRAM EI	EMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)			

55256F 211-159 MHMV929686 \$1,800

9. COST	ESTIMATES				
			UNIT	C	OST
ITEM	א/ט	QUANTITY	COST	(\$	000)
AIRCRAFT CORROSION CONTROL FACILITY	SF	11,300			1,174
CORROSION CONTROL FACILITY	SF	6,000	135	(	810)
COMPOSITE MATERIALS SHOP	SF	300	145	(	44)
ALTER FUEL SYSTEMS SHOP	SF	5,000	64	(	320)
SUPPORTING FACILITIES	ŀ				450
UTILITIES	LS			(	75)
PAVEMENTS	LS			(	100)
SITE IMPROVEMENTS	LS			(	75)
FIRE SUPPRESSION	LS			(_	200)
SUBTOTAL					1,624
CONTINGENCY (5%)					81
TOTAL CONTRACT COST					1,705
SUPERVISION, INSPECTION AND OVERHEAD	(5%)				85
TOTAL REQUEST				_	1,790

- 10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls with structural steel framing and roof system. Provide all utilities, pavements and site improvements and an oil/water separator. Relocate a paint spray booth insert. Exterior to match existing of Building 1063.
- Air Conditioning: 15 Tons.

TOTAL REQUEST (ROUNDED)

REQUIREMENT: 17,300 SF ADEQUATE: 6,000 SF SUBSTANDARD: PROJECT: Aircraft Corrosion Control Facility (Current Mission). REQUIREMENT: This is a Level II environmental compliance requirement. The base requires a facility for the control of fugitive emissions, volatile organic compounds, paint and abrasive particulates, in accordance with the Clean Air Act Amendment of 1990, which enforces the practice of controlling hazardous air pollutant emissions associated with the manufacturing and reworking of military and commercial aircraft, subassemblies, and aircraft parts. In the associated shop area, paint stripping and blasting operations require controlled containment in a centralized area with proper environmental air quality controls. project will replace and consolidate uncontrolled sand blasting activities and provide a single facility which will establish and maintain proper environmental controls and meet pollution and safety standards. CURRENT SITUATION: The facility is insufficiently sized and cannot accommodate both simulation functions of fuel cell and corrosion control. Aircraft corrosion control is being performed in widely separated areas. Washing of aircraft is outside. The work can only be done when the weather permits; when it is not too hot or too cold or there is no wind The oil/water separator in the facility does not meet state and federal regulations and is inadequate in size to handle fuel spills.

1,800

1. COMPONENT			2. DATE
	FY 1996 MILITARY CONSTRUCTION PI	ROJECT DATA	
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	ION AND LOCATION  FORCE BASE NEW MEXICO		
4. PROJECT T		5. PRO	JECT NUMBER
AIRCRAFT COR	ROSION CONTROL FACILITY	мни	ſV929686

It must be upgraded before contamination of the soil and water occurs. Painting of aircraft parts on and off the aircraft and x-ray examination of the structural parts occurr in another facility. The F-16 aircraft is more fuel cell intensive and requires a dedicated fuel cell bay, leaving no facility for corrosion control and related tasks. The painting is done outside or in temporary paint spray booths. These interim solutions are not acceptable for the long term and lead to air pollution. There is no composite material shop associated with the current aircraft. Upon completion of this project, Building 1053 at 1,940 SF will be demolished. IMPACT IF NOT PROVIDED: Inefficient training and poor working conditions. Mission capability of the corrosion control/fuel cell shop and the health and welfare of the personnel are adversely affected. Environmental statutes are violated through air pollution, water pollution and soil contamination. If a fuel spill should occurr, the Air Force and Air National Guard may receive unfavorable publicity.

<u>ADDITIONAL</u>: Due to on going commitments to other DoD agencies, this unit annually flies 50% more flights than similiar units. These additional flights, in support of Defense Systems Evaluations (DSE), put an additional strain on the unit when inadequate facilities exist.

. COMPONE	NT		2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT DA	ATA	
MG	(computer generated)		
. INSTALI	ATION AND LOCATION		
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PROJECT	IR FORCE BASE NEW MEXICO	5 PRO	JECT NUMBER
. PRODECI	11116	3. 1.0	obor Mondbr
IRCRAFT C	ORROSION CONTROL FACILITY	мнм	V929686
.2. SUPPI	EMENTAL DATA:		
a. Esti	mated Design Data:		
(1)	Status:		
, ,	(a) Date Design Started		91 NOV 26
	(b) Percent Complete as of Jan 95		959
	(c) Date 35% Designed		94 AUG 01
	(d) Date Design Complete		95 FEB 15
(2)	Basis:		
<b>\-</b> /	(a) Standard or Definitive Design -		NO
	(b) Where Design Was Most Recently Used -		N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e):		(\$000
(3)	(a) Production of Plans and Specifications		83
	(b) All Other Design Costs	· .	58
	(c) Total		141
	(d) Contract		141
	(e) In-house		
	·		
(4)	Construction Start		96 MAI
			•
. Equipm	ent associated with this project will be provide	ded from	
other appr	opriations: N/A		

1. COMPONENT

FY 1996 MILITARY CONSTRUCTION PROJECT DATA

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(computer generated)

3. INSTALLATION AND LOCATION

4. PROJECT TITLE

KIRTLAND AIR FORCE BASE NEW MEXICO

LANTIRN MAINTENANCE FACILITY

52620F 217-713 MHMV929502 \$620

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)

9. COST ESTIMATES

9. COST ESTIMAT	LES			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
LANTIRN MAINTENANCE FACILITY	SF	5,300		447
LANTIRN MAINTENANCE SHOP	SF	2,000	120	( 240)
ALTER AVIONICS SHOP	SF	2,100	70	( 147)
COVERED AREA FOR AIR MOBILE EQUIPMENT	SF	1,200	50	( 60)
SUPPORTING FACILITIES				115
UTILITIES	LS			( 55)
PAVEMENTS	LS			( 50)
SITE IMPROVEMENTS	LS	.		(10)
SUBTOTAL				562
CONTINGENCY (5%)		.		28
TOTAL CONTRACT COST		-		590
SUPERVISION, INSPECTION AND OVERHEAD (5%)	ŀ			30
TOTAL REQUEST				620
TOTAL REQUEST (ROUNDED)	-			620
				_
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10. Description of Proposed Construction: Addition to the avionics & building with reinforced concrete foundation and floor slab. Steel reinforced block walls and roof structure. Alteration: rearrange walls, and extend and upgrade utilities. Provide exterior utilities, pavements and site improvements and a covered area.

Air Conditioning: 25 Tons.

11. REQUIREMENT: 5,300 SF ADEQUATE: 0 SUBSTANDARD: 2,100 SF PROJECT: Lantirn Maintenance Facility (New Mission).

REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft. The base requires a facility to maintain the avionics equipment, train personnel and provide administration and work space associated with the assigned Low Altitude Navigation and Targeting Infrared for Night (LANTIRN) pod targeting and navigation system.

Associated with the LANTIRN system are air mobile equipment that require a covered concrete slab adjacent to the facility so that training can be performed in the field deployable shelters and field conditions.

CURRENT SITUATION: The avionics building is inadequately sized to accommodate the new LANTIRN mission. There are no covered slabs to provide support and protection for the air mobile maintenance shelters that are an integral part of this mission. The utilities and the heating, ventilation, and air conditioning systems require upgrades to accommodate the new mission requirements.

IMPACT IF NOT PROVIDED: Inefficient and ineffective training of the crews. Crowded working conditions and poor training conditions for both full time and weekend forces. Inability to properly maintain the LANTIRN pods or utilize the mobile shelters. The unit is not be able to support their mission. Reduced readiness.

1. COMPONENT		2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT DAT	'A
ANG	(computer generated) ON AND LOCATION	
3. INSTALLATI	ON AND LOCATION	
	FORCE BASE NEW MEXICO	
4. PROJECT TI	TLE	5. PROJECT NUMBER
LANTIRN MAINT	ENANCE FACILITY	мнмv929502
12. SUPPLEME	NTAL DATA:	
a. Estimat	ed Design Data:	•
(1) St	atus:	
• •	Date Design Started	91 NOV 26
, ,	Percent Complete as of Jan 95	95%
	Date 35% Designed	94 JUN 16
(a)		95 FEB 01
(2) Ba	sis:	
(a)	Standard or Definitive Design -	NO
(b)		N/A
(3) To	tal Cost (c) = (a) + (b) or (d) + (e):	(\$000
(a)	Production of Plans and Specifications	. 26
(b)	All Other Design Costs	17
(°C)	Total	43
(b)	Contract	43
(e)	In-house	
(4) Co	nstruction Start	96 MAR
. Equipment	associated with this project will be provide	ed from
ther appropr		

1. COMPONENT	FY 1996 GUARD AN			2. DATE	
ANG	MILITARY CONSTI	RUCTION		4. AREA	CONCT
3. INSTALLATION HANCOCK FIELD A				4	INDEX
HANCOCK FIELD A	MG, NEW TORK	•			20
PRECIENCY AN	ND TYPE OF UTILIZATION			<u> </u>	
	ning Assemblies per mont be by technician/AGR force	_		trainin	g per
	E/GUARD/RESERVE INSTALLA munications Center, 3 Arm				aval
	, 1 Marine Reserve Cente				
		. :	•		
7. PROJECTS REC	QUESTED IN THIS PROGRAM:	FY 1996	COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL
171-450 COMPOS	SITE MEDICAL TRAINING	15,400 SF	1,990	NOV 93	FEB 9
	VE FORCES FACILITIES BOA al Construction Approved		ON	30 AUG	
Unilater			ON		
Unilater	al Construction Approved				e)
Unilater  9. LAND ACQUIS	al Construction Approved	None		(Dat	e)
Unilater  9. LAND ACQUIS	al Construction Approved	None	COST	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P	al Construction Approved	None	4)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE  171-445 COMPO	al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEAR	None None	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE  171-445 COMPO	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPERATIONS AND	None SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE  171-445 COMPO	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPERATIONS AND	None SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE  171-445 COMPO	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPERATIONS AND	None SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE  171-445 COMPO	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPERATIONS AND	None SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE  171-445 COMPO	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPERATIONS AND	None SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE  171-445 COMPO	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPERATIONS AND	None SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE  171-445 COMPO	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPERATIONS AND	None SCOPE	COST (\$000)	(Dat	e)

2. DATE 1. COMPONENT FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated) 4. PROJECT TITLE 3. INSTALLATION AND LOCATION COMPOSITE MEDICAL TRAINING FACILITY HANCOCK FIELD ANG NEW YORK 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) \$1,990 HAAW909833 171-450 55296F 9. COST ESTIMATES UNIT COST U/M QUANTITY COST (\$000) ITEM 1,495 COMPOSITE MEDICAL TRAINING FACILITY SF 15,400 120 (1,260) 10,500 MEDICAL TRAINING AND ADMINISTRATION SF 1,000 110 110) PHYSICAL FITNESS TRAINING AREA SF 32 125) 3,900 ALTER OPERATIONAL TRAINING FACILITY SF 310 SUPPORTING FACILITIES 100) LS UTILITIES 75) LS **PAVEMENTS** 35) LS . SITE IMPROVEMENTS 100) PRE-WIRED WORK STATIONS LS 1,805 SUBTOTAL 90 CONTINGENCY (5%) 1,895 TOTAL CONTRACT COST 95 SUPERVISION, INSPECTION AND OVERHEAD (5%) 1,990 TOTAL REQUEST

- Description of Proposed Construction: Reinforced concrete foundation and floor slab; concrete block with exterior metal or masonary veneer and roof system. Includes site work, pavement, access road, parking lot, utilities, and support. Alter vacated space in Building 617 for Operational Training by rearranging and extending walls and utilities. Air Conditioning: 35 Tons.
- 11. REQUIREMENT: 15,400 SF ADEQUATE: 0 SUBSTANDARD: 14,700 SF PROJECT: Composite Medical Training Facility (Current Mission). REQUIREMENT: The base requires a properly sized facility for medical and dental examination rooms and offices, laboratories, administration of personnel medical records, training, and storage space to maintain proficiency and to perform preventative medical services. These services include physical exams, lab work, immunizations, optical and audio testing, and other medical and dental support to maintain unit readiness. Facility must accommodate nine additional medical personnel from three communications electronics units. Physical fitness space provides an area for the unit to conduct medical aerobic testing and provides daily exercise and fitness for base personnel.

CURRENT SITUATION: The wartime medical training services are being performed in two facilities. Building 617 is 3,900 SF and is physically connected to Building 613, which houses the base operations and training offices and the Wing Headquarters. Building 780 is 5,400 SF of which 2,435 SF is used for Medical Training. It is a WWII wood barracks converted to accommodate the medical clinic functions. It is in poor condition with a leaking roof, deteriorated siding, single pane windows, and antiquated plumbing, mechanical and electrical systems. Both of these facilities are grossly undersized to accommodate the requirements for

1,990

TOTAL REQUEST (ROUNDED)

1. COMPONENT		2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	,
ANG ·	(computer generated)	
3. INSTALLATI	ION AND LOCATION	
HANCOCK FIELD	ANG NEW YORK	
4. PROJECT T	TLE 5	. PROJECT NUMBER
COMPOSITE ME	TICAL TRAINING FACILITY	HAAW909833

medical training and clinic functions. Nine doctors use two exam rooms, which are also used as offices for the clinic commander and chief of medical services. The vacated medical area in Building 617 will be upgraded at minimal cost and retained until it will be disposed in a future replacement project. This project is in accordance with the Approved Base Master Development Plan. Upon completion of this project the following will be demolished: Buildings 779 and 780 each at 5,400 SF for a total of 10,800 SF.

IMPACT IF NOT PROVIDED: Inadequate and inefficient training and operations, poor working conditions will continue. Morale and recruiting continues to be affected. Increased costs to operate and maintain antiquated facilities. Degraded fitness and readiness. Unable to comply with the approved master plan.

NG		FY 1996 MILITARY CONSTRUCTION PROJECT DAT (computer generated)			
. INSTALI	OITA	N AND LOCATION			
ANCOCK F	ELD	ANG NEW YORK			
. PROJECT	r TIT	LE ·	5. PR	OJECT NUMB	ER
OMPOSITE	MEDI	CAL TRAINING FACILITY	НА	EE8606MA	
.2. SUPPI	LEMEN	TAL DATA:			
a. Esti	imate	d Design Data:			
(1)	Sta	itus:			
		Date Design Started		93 NOV	
		Percent Complete as of Jan 95			5%
		Date 35% Designed		94 JUL	
	(d)	Date Design Complete		95 FEB	01
(2)	Bas				
		Standard or Definitive Design -		NO	
	(p)	Where Design Was Most Recently Used -		N/A	
(3)		al Cost (c) = (a) + (b) or (d) + (e):		(\$0	
	(a)	Production of Plans and Specifications	•	•	99
	(b)	All Other Design Costs			68
	(c)			. 1	.67
		Contract	•	1	.67
	(e)	In-house			
(4)	Con	struction Start		96 J	IUN
		the second secon			
		associated with this project will be provide ations: N/A	ea iro	·m	
-FF	<b>-</b>				
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				·
1. COMPONENT	FY 1996 GUARD AND	•		2. DATE
ANG	MILITARY CONSTI	RUCTION		4. AREA CONST
	N AND LOCATION INTERNATIONAL AIRPORT, NI	EW YORK		COST INDEX
5. FREQUENCY A	ND TYPE OF UTILIZATION			
Four Unit Trai year, and dail	ning Assemblies per montl y use by technician/AGR	n, 15 days ann force and for	ual field training.	training per
	E/GUARD/RESERVE INSTALLA			
1 Air Force Re Miles	serve - On Base 1 Army Na	ational Guard	- Niagara	Falls, 4
7. PROJECTS RE	QUESTED IN THIS PROGRAM:	FY 1996		
CATEGORY			COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START CMPL
832-266 UPGRA	DE RUNWAY OVERRUN DE STORM WATER AND TARY SEWER SYSTEM	12,400 SY LS		
	:			
				. •
			• .	
	VE FORCES FACILITIES BOA		ION	
Unilater	al Construction Approved			30 AUG 94
O TAND ACQUITE	ITION REQUIRED	None		(Date)
9. LAND ACQUIS	IIION REQUIRED	None		umber of Acres
10. PROJECTS P	LANNED IN NEXT FOUR YEAR	S		
CATEGORY			COST	
CODE	PROJECT TITLE	SCOPE	(\$000)	
				•
	•			
		•		
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Ī	1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
	ANG	MILITARY CONSTRUCTION	

3. INSTALLATION AND LOCATION

NIAGARA FALLS INTERNATIONAL AIRPORT, NEW YORK

# 11. PERSONNEL STRENGTH AS OF 11 AUG 94

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	365	25	335	5	958	118	840
ACTUAL	344	25	315	4	917	107	810

### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
107	HQ GP		55	57
107	MED SQ		55	52
107	OPS GP		6	4
107	LOG GP		. 12	11
107	ARS		75	66
107	OSF		33	21
107	MNT SQ		288	286
107	LGS	,	107	106
107	SUP GP		5	5
107	MSF		34	33
107	CES		145	127
107	SPS		75	72
107	SVS FT		25	. 21
107	COMMFT	, "	43	. 40
8107	STU FT		0	16
		TOTALS	958	917

TYPE	<u>AUTHORIZED</u>	ASSIGNED
KC-135 Aircraft	9	6
Support Equipment	94	77
Vehicle Equivalents	210	201

	1. COMPONENT			2. DATE
	F	Y 1996 MILITARY CO	ONSTRUCTION PROJECT	DATA
	ANG	(compute	er generated)	
-	3. INSTALLATION AND	DLOCATION	4. PROJECT	TITLE
	NIAGARA FALLS INTE	RNATIONAL AIRPORT		i
	NEW YORK		UPGRADE RUNT	WAY OVERRUN
	5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)
	E141179	111_115	BUW0010500	\$1.950

9. COST ESTIMAT	ES			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
UPGRADE RUNWAY OVERRÚN	SY	12,400	85	1,054
SUPPORTING FACILITIES				735
RELOCATE AND ADD LIGHTS	LS			( 200)
SHOULDERS	LS			( 125)
UTILITIES	LS			( 165)
UPGRADE TAXIWAY F AND CULVERTS	LS			(245)
SUBTOTAL				1,789
CONTINGENCY (5%)				89
TOTAL CONTRACT COST			,	1,878
SUPERVISION, INSPECTION AND OVERHEAD (5%)				94
TOTAL REQUEST				1,972
TOTAL REQUEST (ROUNDED)				1,950
		,		

- Description of Proposed Construction: Reinforced concrete surfaces. Relocate and extend runway lights. Upgrade Taxiway "F" and culverts. All utilities and support.
- 11. REQUIREMENT: As required.

PROJECT: Upgrade Runway Overrun (New Mission).

REQUIREMENT: Project supports the conversion of F-16 to KC-135 aircraft. The base requires the runway and taxiways of proper length and strength for the operational requirement of fuel loaded tanker aircraft. Provide adequate airfield lighting in accordance with FAA airfield standards. CURRENT SITUATION: The commercial runway is only 9,125 LF with 1,000 LF understrength overruns at each end. In addition, 500 LF of the runway is unusable when taking off to the West because of Taxiway "F" being located down the runway and the runway's width does not allow KC-135 aircraft to safely turnaround. This is insufficient to operate a fully loaded KC-135 aircraft. The aircraft now operate from the base without a full fuel load. This is operationally insufficient and degrades training. project strengthens 500 LF of the east end of the overrun. Also included is the strengthening of Taxiway "F", including replacement of deficient culverts, and a wide turnaround at the east end of the runway so the KC-135 aircraft can safely turnaround.

IMPACT IF NOT PROVIDED: Fully loaded aircraft cannot take off. The aircraft will have to take off without the required load. Degraded training and unable to provide fully mission capable aircraft. Unable to achieve full operational capability. Degraded readiness.

NG		FY 1996 MILITARY CONSTRUCTION PROJECT DAY	A
	I ATTON	(computer generated) N AND LOCATION	
· INSTALL	JATION	AND LOCATION	•
IAGARA F	ALLS I	INTERNATIONAL AIRPORT NEW YORK	
. PROJECT			5. PROJECT NUMBER
PGRADE RU	JNWAY	OVERRUN	RVKQ919599
.2. SUPPI	r maarmari	TAL DATA:	
.2. SUPPI	-enen 1	AL DAIA:	
a. Esti	imated	d Design Data:	
(1)	Stat	cus:	
		Date Design Started	91 DEC 23
		Percent Complete as of Jan 95	95%
		Date 35% Designed	94 FEB 16
	(d)	Date Design Complete	95 FEB 01
121	Basi	is:	
(2)		Standard or Definitive Design -	NO
		Where Design Was Most Recently Used -	N/A
(3)	Tot:	al Cost (c) = (a) + (b) or (d) + (e):	(\$000
(3)		Production of Plans and Specifications	91
		All Other Design Costs	. 88
		Total	179
	(d)	Contract	179
	(e)	In-house	•
(4)	Cons	struction Start	96 JUN
. Equip	nent a	associated with this project will be provide	ed from
		associated with this project will be providentions: N/A	ed from
			ed from
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1. COMPONENT					
ANG	FY 1996 GUARD . MILITARY CON			2. DATE	
3. INSTALLATION				A ADEA	CONSTR
BLUE ASH ANG ST	TATION, OHIO	•		1 .	INDEX
				1.	02
Eight Unit Tra	ND TYPE OF UTILIZATION ining Assemblies per m y use by technician/AG	onth, 15 days a		d traini	ng
per year, daily	y use by technician/AG	R TOICE AND TOI	craining.		
1 Naval Reserve	E/GUARD/RESERVE INSTAL e Center, 2 Army Natio Reserve Center and 1	nal Guard Units	, 3 Army R		nits,
7. PROJECTS REC	QUESTED IN THIS PROGRA	M: FY 1996			
CATEGORY			COST	DESIGN	STATIS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL
	CE UNDERGROUND FUEL AGE TANKS	L	s 380	SEP 92	MAY 95
			•		
	•			•	
		• .			, , }
8. STATE RESERV	VE FORCES FACILITIES B	OARD RECOMMENDA	TION		
	VE FORCES FACILITIES B al Construction Approv		TION	1 JUN	
Unilatera	al Construction Approv		TION		
	al Construction Approv	ed		(Dat	e)
Unilatera  9. LAND ACQUIS	al Construction Approv	None			e)
9. LAND ACQUIST	al Construction Approv	None	· (N	(Dat	e)
Unilatera  9. LAND ACQUIS	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None	COST	(Dat	e)
9. LAND ACQUIST 10. PROJECTS PRO	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None	· (N	(Dat	e)
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Unilatera  9. LAND ACQUIST  10. PROJECTS PROJECT	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None ARS	COST	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROJECT	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None ARS	COST	(Dat	e)
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Unilatera  9. LAND ACQUIST  10. PROJECTS PROJECT	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None ARS	COST	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROJECT	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None ARS	COST	(Dat	e)
9. LAND ACQUIST 10. PROJECTS PRO	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None ARS	COST	(Dat	e)
9. LAND ACQUIST 10. PROJECTS PRO	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None ARS	COST	(Dat	e)
9. LAND ACQUIST 10. PROJECTS PRO	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None ARS	COST	(Dat	e)
9. LAND ACQUIST 10. PROJECTS PRO	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None ARS	COST	(Dat	e)
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9. LAND ACQUIST 10. PROJECTS PRO	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None ARS	COST	(Dat	e)
9. LAND ACQUIST 10. PROJECTS PRO	al Construction Approv ITION REQUIRED LANNED IN NEXT FOUR YE	None ARS	COST	(Dat	e)

1. COMPONENT		FY 1996	GUARD AND	RESERVE		2. DA	TE
ANG			TARY CONSTR	UCTION			
3. INSTALLAT							
BLUE ASH ANG	STATION	, OHIO					
11. PERSONNE	L STRENG	TH AS OF	29 JUL 94				
			RMANENT			GUARD/RES	
	TOTAL	OFFICER		CIVILIAN	TOTAL	OFFICER	ENLISTE
AUTHORIZED	41	3	34	4	183 188	19 19	164 169
ACTUAL	39	3	32	4	100	19	109
12. RESERVE	UNIT DAT	A				······································	
					TRENGTH		
	UNIT DE	SIGNATION	<u>1</u>	AUTHORIZE	<u>D</u>	ACTUAL	
	123	TACCSQ		94		99	
	124	TACCSQ		89		89	
			TOTALS	183		188	
			•	•		•	

13.	MAJOR	EOUIPMENT	AND	AIRCRAFT
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TYPE	AUTHORIZED	ASSIGNED
Prime Equipment	84	65
Support Equipment	16	16
Vehicle Equivalents	295	285

1. COMPONENT	FY 1996 GUARD AN			2. DATE	
ANG	MILITARY CONST	RUCTION			GONGED
	ON AND LOCATION			1	CONSTR
CAMP PERRY AND	G STATION OHIO				INDEX
				1.	04
5. FREQUENCY	AND TYPE OF UTILIZATION				
	ining Assemblies per mont	h. 15 davs a	annual field	trainin	a per
	se by technician/AGR for				- I
year, darry di	se by technician, AGK for	e for craim.			
					ļ
6. OTHER ACTIV	VE/GUARD/RESERVE INSTALLA	ATIONS WITHIN	N 15 MILE RA	DIUS	
1 Army Nation	al Guard Training Center				
	-				
	•				
		DI 1000			
i e	EQUESTED IN THIS PROGRAM:	FY 1996	· 		
CATEGORY			COST	DESIGN	
CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	START	CMPL
				<del>_</del>	
124-135 REPLA	ACE UNDERGROUND FUEL		LS 320	JAN 94	MAY 95
	RAGE TANKS				
	TIME .			•	
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				:	
8 STATE RESE	RVE FORCES FACILITIES BOA	ARD RECOMMENI	DATION	· .	
	RVE FORCES FACILITIES BOX		NOITAC	1 .TUN	1 94
	RVE FORCES FACILITIES BO ral Construction Approved		NOITAC	1 JUN	·
Unilate	ral Construction Approved	1	DATION	1 JUN (Dat	·
Unilate			·	(Dat	e)
Unilate  9. LAND ACQUI	ral Construction Approved	None	·		e)
Unilate  9. LAND ACQUI	ral Construction Approved	None	( N	(Dat	e)
Unilate  9. LAND ACQUI	ral Construction Approved	None	·	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUI	ral Construction Approved	None	( N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)
9. LAND ACQUITED TO PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	(N	(Dat	e)

1. COMPONENT			GUARD AND			2. DA	TE
ANG			ARY CONSTR	UCTION		1	
3. INSTALLATION CAMP PERRY ANG							
11. PERSONNEL S	TRENG	TH AS OF	19 AUG 94				•
			MANENT			GUARD/RES	ERVE
- T	COTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLIST
AUTHORIZED	39	0	7	32	221	10	21
ACTUAL	36	0	7	29	196	8	18
12. RESERVE UNI	T DAT	'A					
					STRENGTH		
<u>uu</u>	IIT DE	SIGNATION		AUTHORIZ	ED 2	ACTUAL	
	200	RHCES		221		188	
	200	STU FT		0		8	
			TOTALS	221		196	
	•						•
-							
						•	
		•					
						•	
				a.			
						•	
13. MAJOR EQUIE	PMENT	AND AIRCR	RAFT				· · · · · · · · · · · · · · · · · · ·
TYI	PE .			AUTHORIZ	ED	ASSIGNED	
Vehicles				20		28	
				/×		/0	
Support Equipme	ent			28 28		28	

1. COMPONENT				2. DATE	
ANG	MILITARY CO	NSTRUCTION		4. AREA	CONCE
	ION AND LOCATION				
RICKENBAKER .	AIR NATIONAL GUARD BASE	, OHIO	•	1	INDEX
				0.	91
5. FREQUENCY	AND TYPE OF UTILIZATIO	N			
Two unit tra	ining assemblies per mo	nth, 15 days annua	l field	training	per
	use by technician/AGR f			-	•
year, uarry	use by technician/non i	orce and for crain	****9		
	IVE/GUARD/RESERVE INSTA				
	rve, 3 ONG Armories, 3		rine Cor	ps Cente	r, 1
Naval Reserv	e Center, 1 Naval Intel	l Center.			
				•	
7. PROJECTS	REQUESTED IN THIS PROGR	AM: FY 1996			
CATEGORY			COST	DESIGN	STATUS
	DDO TECM MINITE	SCOPE	(\$000)	START	CMPL
CODE	PROJECT TITLE	SCOPE	(3000)	DIANI	CHIL
124-135 REP	LACE UNDERGROUND FUEL	LS	310	MAR 94	MAY 9
ST	ORAGE TANKS	•			
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8. STATE RES	POUP PODOPC PACTITATES	BOARD RECOMMENDATI	ON		
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	eral Construction Appro			1 JUN	<del></del>
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Unilat	· · · · · · · · · · · · · · · · · · ·			(Dat	e)
Unilat	eral Construction Appro	ved			e)
Unilat 9. LAND ACQU	eral Construction Appro	None		(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS	eral Construction Appro	None	<u>(N</u>	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS	eral Construction Appro	None	<u>(N</u>	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
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Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
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Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Appro	None EARS	COST	(Dat	e)

1	1. COMPONENT	FY 1996 GUARD AND RESERVE	2.	DATE
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3. INSTALLATION AND LOCATION RICKENBAKER AIR NATIONAL GUARD BASE, OHIO

## 11. PERSONNEL STRENGTH AS OF 11 AUG 94

	PERMANENT					GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	525	60	419	46	1,443	191	1,252
ACTUAL	647	59	456	132	1,567	208	1,359

### 12. RESERVE UNIT DATA

	<b>-</b>		STRENGTH				
UNIT DES	GIGNATION		AUTHORIZED	ACTUAL			
121	ARW		69	102			
121	OG		8	0			
121	oss		. 41	3			
166	ARS		69	78			
145	ARS		69	63			
121	LG		18	0			
121	LS		146	205			
121	MS		472	560			
121	SG		5	3			
121	MSS		51	80			
121	HSP		54	47			
160	CLN		54	51			
121	SPF	•	. 118	129			
121	CS .		56	51			
121	MWRS	•	30	43			
121	CES	•	124	. 117			
8121	STU FT		59	35			
		TOTALS	1,443	1,567			

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	19	21
C-26 Aircraft	1	1
Support Equipment	392	355
Vehicle Equivalents	484	688

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	IONAL AIRPORT, OKLAHOMA						INDE
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Four Unit Train	ND TYPE OF UTILIZATION ning Assemblies per mont	h, 15 da e and fo	ys ai or tra	nnual aining	field	traini	ng per
5. OTHER ACTIVE 2 Army Nationa Combined Reser	E/GUARD/RESERVE INSTALLA l Guard Armories, l Army ve	TIONS WI Nationa	THIN	15 MI ard Me	LE RA	DIUS Compan	y, 1
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			<u>, ,</u>				
7. PROJECTS RE	QUESTED IN THIS PROGRAM:	FY 199	96				
CATEGORY				C	COST	DESIGN	
CODE	PROJECT TITLE	sco	OPE	<u>(</u> 5	000)	START	CMPL
131-111 COMPO FACI	SITE COMMUNICATIONS	18,	,600	SF 1	1,900	<b>JAN 90</b>	OCT
· · · · · · · · · · · · · · · · · ·					.•		
	VE FORCES FACILITIES BOA al Construction Approved		MMENĎ	ATION			T 93 te)
9. LAND ACQUIS	ITION REQUIRED	None					
					(1)	Number o	f Acre
10. PROJECTS P	PLANNED IN NEXT FOUR YEAR	RS					
CATEGORY					COST		
CODE	PROJECT TITLE	SC	OPE	7	<u>\$000)</u>		
	ATIONS AND MEDICAL	17	,300	SF	3,150		
•							
	·						

#### 2. DATE 1. COMPONENT FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION ANG

3. INSTALLATION AND LOCATION

TULSA INTERNATIONAL AIRPORT, OKLAHOMA

### 11. PERSONNEL STRENGTH AS OF 15 JUL 94

	PERMANENT					GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	375	28	321	26	1,205	110	1,095
ACTUAL	310	22	267	21	1,018	107	911

#### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	ESIGNATION		AUTHORIZED	ACTUAL
138	FG		49	49
138	OPS GP		3	2
138	LOG GP		16	15
138	SPT GP		5	4
138	OPS SQ		22	19
138	MNT SQ	•	447	369
138	LOG SQ		107	. 72
138	SPS		57	50
138	CES		127	111
138	COM SQ		42	42
138	MSF FT		33	32
138	SVS FT		34	29
138	TAC CL		35	34
125	FGT SQ		42	40
125	WEA FL		14	12
219	EI SQ		172	138
		TOTALS	1,205	1,018

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	21
Support Equipment	167	147
Vehicle Equivalents	275	279

1. COMPONENT		996 MILITA	OV CON	ייייייייייייייייייייייייייייייייייייייי	TON	DDO.IFCT	משמח	1	DATE
ANG			nputer				DAIR		
3. INSTALLATION AND LOCATION 4. PROJECT TITLE COMPOSITE COMMUNICATION TULSA INTERNATIONAL AIRPORT OKLAHOMA FACILITY						is			
5. PROGRAM E	LEMENT 6.	CATEGORY (	CODE 7	PROC	JECT 1	NUMBER	8. P	PROJECT	COST(\$000)
55296F		131-111		XHZO	0013	31			\$1,900

9. COST ESTIMA	res	<del>,</del>			
			UNIT	co	
ITEM	U/M	QUANTITY	COST	(\$0	00)
COMPOSITE COMMUNICATIONS FACILITY	SF	18,600		1	,501
COMMUNICATIONS	SF	8,300	115	(	955)
BASE PHOTO LABORATORY	SF	2,100	105	(	221)
OPS AND TRAINING AREA	SF	1,600	100	(	160)
ALTER OPERATIONAL TRAINING FACILITIES	SF	6,600	25	(	165)
SUPPORTING FACILITIES					225
UTILITIES	LS			(	50)
PAVEMENTS	LS			(	45)
SITE IMPROVEMENTS	LS			(	30)
PRE-WIRED WORK STATIONS	LS			(	100)
SUBTOTAL -				1	,726
CONTINGENCY (5%)					86
TOTAL CONTRACT COST				1	,812
SUPERVISION, INSPECTION AND OVERHEAD (5%)					91
TOTAL REQUEST				1	,903
TOTAL REQUEST (ROUNDED)	.			.1	,900
	- 1			• ,	
•	1				

- 10. Description of Proposed Construction: Masonry walls, concrete foundation and floor slab, steel frame and built-up roof, asphalt driveway and storage area. Functional areas include computer and communications vaults, training areas, and mechanical room.
- Air Conditioning: 15 Tons.
- 11. REQUIREMENT: 18,600 SF ADEQUATE: 0 SUBSTANDARD: 8,036 SF PROJECT: Composite Communications Facility (Current Mission).

  REQUIREMENT: The base requires an adequately sized and properly configured facility for communications, data automation, audio-visual services, and customer support. It incorporates a raised floor, secure vault and environmental controls for the data automation function including the message center.

CURRENT SITUATION: The communication vault is extremely small and not constructed to security standards. The telephone center is also too small with inadequate air conditioning and is too crowded for the equipment. The excess heat causes fire alarm activation and violates the National Electric Code and communications and computer safety standards. Required programmed equipment expansion cannot be accommodated. The communications interrelated functions are scattered in six deficient buildings. This degrades training and impedes proper command and control. Three of these buildings cannot be economically upgraded. Upon completion of this project, the following will occur: demolition of building 309 at 718 SF and building 310 at 716 SF in addition to the disposition of a temporary leased facility at 2,115 SF.

IMPACT IF NOT PROVIDED: The operational training and communications facilities remain overcrowded without adequate office or shop space. Safety, security and base support continue to suffer. The twenty man

1. COMPONENT FY	1996 MILITARY CONSTRUCTION		2. DATE
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4. PROJECT TITLE		5. PF	ROJECT NUMBER
COMPOSITE COMMUNICAT	CIONS FACILITY	XI	HZG001331

communications team remains split-up with no training area. The mission support squadron commander and technician continue to be without work and training space. Degraded training and higher operating costs continue. ADDITIONAL: This project also includes the renovation of 814 SF in building 305 for the Judge Advocate and Chaplain functions; 3,354 SF in building 313 for the 125th Weather Flight; and 2,434 SF in building 501 for the Historian, Safety, Public Affairs, and Headquarters functions.

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4. INCODEL II		
COMPOSITE COM	MUNICATIONS FACILITY	XHZG001331
10 00000000000	VM31 D3M3	
12. SUPPLEME	NTAL DATA:	
a. Estimat	ed Design Data:	
\ /	atus:	
	Date Design Started	90 JAN 0
, ,	Percent Complete as of Jan 95	100
, ,	Date 35% Designed	92 JUL 0
. (d)	Date Design Complete	94 OCT 1
(2) Ba	sis:	
• •	Standard or Definitive Design -	NO ·
(b)	Where Design Was Most Recently Used -	N/A
(3) To	tal Cost (c) = (a) + (b) or (d) + (e):	(\$00
	Production of Plans and Specifications	7
(b)		6
(c)	Total	13
(d)	Contract	13
(e)	In-house	
(4) Co	nstruction Start	96 MA
		•
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b. Equipment associated with this project will be provided from other appropriations: N/A

ANG MILITARY CONSTRUCTION  INSTALLATION AND LOCATION  ILL ROGERS WORLD AIRPORT OKLAHOMA  FREQUENCY AND TYPE OF UTILIZATION OUT Unit Training Assemblies per month, 15 days annual field training per ear, daily use by technician/AGR force and for training.  OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS Army National Guard Facilities, 4 Army Reserve Facilities, 1 Air Force eserve Facility, 1 Naval Reserve Facility and I Marine Reserve Facility.  PROJECTS REQUESTED IN THIS PROGRAM: FY 1996 ATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPI 71-873 AERIAL PORT TRAINING FACILITY 1,650 SF 400 DEC 93 APR 9  TOTAL COMPOSITE FIRE STATION 11,800 SF 1,950 DEC 93 APR 9  TOTAL CO	. COMPONENT	FY 1996 GUARD AND	RESERVE		2. DATE	
COST INDEX 0.92  FREQUENCY AND TYPE OF UTILIZATION DOUR Unit Training Assemblies per month, 15 days annual field training per ear, daily use by technician/AGR force and for training.  OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS Army National Guard Facilities, 4 Army Reserve Facilities, 1 Air Force eserve Facility, 1 Naval Reserve Facility and I Marine Reserve Facility.  PROJECTS REQUESTED IN THIS PROGRAM: FY 1996 ATEGORY CODE PROJECT TITLE SCOPE (S000) START CMPL 21-111 PETROLEUM OPERATIONS FACILITY 1,650 SF 400 DEC 93 APR 9 71-873 AERIAL PORT TRAINING FACILITY 17,400 SF 2,550 JAN 93 APR 9 30-142 COMPOSITE FIRE STATION 11,800 SF 1,950 DEC 93 APR 9  TO STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved  LAND ACQUISITION REQUIRED None  (Number of Acres CODE PROJECT TITLE SCOPE (S000)  (Number of Acres CODE PROJECT TITLE SCOPE (S000)  (Number of Acres CODE PROJECT TITLE SCOPE (S000)  (S000)  130-835 ADD TO AND ALTER SECURITY 6,700 SF 500			CTION			
COST INDEX 0.92  FREQUENCY AND TYPE OF UTILIZATION OUR Unit Training Assemblies per month, 15 days annual field training per ear, daily use by technician/AGR force and for training.  OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS Army National Guard Facilities, 4 Army Reserve Facilities, 1 Air Force esserve Facility, 1 Naval Reserve Facility and I Marine Reserve Facility.  PROJECTS REQUESTED IN THIS PROGRAM: FY 1996 ATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPL  21-11 PETROLEUM OPERATIONS FACILITY 1,650 SF 400 DEC 93 APR 9 30-142 COMPOSITE FIRE STATION 11,800 SF 1,950 DEC 93 APR 9  T. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved  Unilateral Construction Approved  LAND ACQUISITION REQUIRED None  (Number of Acres Acres CODE PROJECT TITLE SCOPE (\$000)  (Number of Acres CODE PROJECT TITLE SCOPE (\$000)  (Number of Acres CODE PROJECT TITLE SCOPE (\$000)  (Number of Acres CODE PROJECT TITLE SCOPE (\$000)  (SOURCE PROJECT TITLE SCOPE (\$000)  (SOURCE PROJECT TITLE SCOPE (\$000)  (SOURCE PROJECT TITLE SCOPE (\$000)	. INSTALLA				1	
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Army National Guard Facilities, 4 Army Reserve Facilities, 1 Air Force eserve Facility, 1 Naval Reserve Facility and I Marine Reserve Facility.  PROJECTS REQUESTED IN THIS PROGRAM: FY 1996  ATEGORY  CODE  PROJECT TITLE  SCOPE  (S000)  START CMPL  1,650 SF 400 DEC 93 APR 9  71-873 AERIAL PORT TRAINING FACILITY 17,400 SF 2,550 JAN 93 APR 9  30-142 COMPOSITE FIRE STATION  11,800 SF 1,950 DEC 93 APR 9  1,800 SF 1,950 DEC 93 APR 9  1,000 DEC 93 AP	our Unit T	raining Assemblies per month,	15 days annu and for train	al field ing.	trainin	g per
PROJECTS REQUESTED IN THIS PROGRAM: FY 1996  ATEGORY  CODE  PROJECT TITLE  SCOPE  (\$000)  START  CMPL  21-111 PETROLEUM OPERATIONS FACILITY  1,650 SF  400 DEC 93 APR 9  71-873 AERIAL PORT TRAINING FACILITY  17,400 SF  2,550 JAN 93 APR 9  30-142 COMPOSITE FIRE STATION  11,800 SF  1,950 DEC 93 APR 9  COT 93  (Date)  1. LAND ACQUISITION REQUIRED  None  (Number of Acres  COST  CODE  PROJECT TITLE  SCOPE  (\$000)  (Number of Acres  COST  CODE  PROJECT TITLE  SCOPE  (\$000)	. OTHER AC	rive/guard/reserve installati	ONS WITHIN 15	MILE RA	DIUS	
PROJECTS REQUESTED IN THIS PROGRAM: FY 1996  ATEGORY  CODE  PROJECT TITLE  SCOPE  (\$000)  START CMPL  21-111 PETROLEUM OPERATIONS FACILITY  1,650 SF 400 DEC 93 APR 9  71-873 AERIAL PORT TRAINING FACILITY  17,400 SF 2,550 JAN 93 APR 9  30-142 COMPOSITE FIRE STATION  11,800 SF 1,950 DEC 93 APR 9  (Date)  1. LAND ACQUISITION REQUIRED  None  (Number of Acres Acres Acres Acres Project Title Scope (\$000)  20. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY  CODE  PROJECT TITLE  SCOPE (\$000)  130-835 ADD TO AND ALTER SECURITY  6,700 SF 500	Army Natio	onal Guard Facilities, 4 Army	Reserve Faci	lities,	1 Air Fo	rce
COST   DESIGN STATUS	eserve Fac	ility, 1 Naval Reserve Facili	ty and I Mari.	ne Reser	ve Facil	ity.
COST   DESIGN STATUS		•				
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CODE		REQUESTED IN THIS PROGRAM:	FI 1330	COST	DESTAN	פוזידעידפ
21-111 PETROLEUM OPERATIONS FACILITY 1,650 SF 400 DEC 93 APR 9 71-873 AERIAL PORT TRAINING FACILITY 17,400 SF 2,550 JAN 93 APR 9 30-142 COMPOSITE FIRE STATION 11,800 SF 1,950 DEC 93 APR 9  1. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved  1. LAND ACQUISITION REQUIRED  1. None  (Number of Acres CATEGORY CODE PROJECT TITLE SCOPE (\$000)  130-835 ADD TO AND ALTER SECURITY 6,700 SF 500	ATEGORY					
21-111 PETROLEOM OFERATIONS FACILITY 71-873 AERIAL PORT TRAINING FACILITY 30-142 COMPOSITE FIRE STATION 11,800 SF 1,950 DEC 93 APR 9  1,800 SF 1,950 DEC 93 APR 9  1,950 DEC 93 APR 9  6 OCT 93 (Date)  1,000 DEC 93 APR 9  1,000	CODE	PROJECT TITLE	SCOPE	(\$000)	START	CHPL
21-111 PETROLEOM OFERATIONS FACILITY 71-873 AERIAL PORT TRAINING FACILITY 30-142 COMPOSITE FIRE STATION 11,800 SF 1,950 DEC 93 APR 9  1,800 SF 1,950 DEC 93 APR 9  1,950 DEC 93 APR 9  6 OCT 93 (Date)  1,000 DEC 93 APR 9  1,000			1 650 69	400	טבר סז	APP 9
30-142 COMPOSITE FIRE STATION 11,800 SF 1,950 DEC 93 APR 9  30-142 COMPOSITE FIRE STATION 11,800 SF 1,950 DEC 93 APR 9  30-142 COMPOSITE FIRE STATION 11,800 SF 1,950 DEC 93 APR 9  4 OCT 93 (Date)  4 OCT 93 (Date)  4 OCT 93 (Date)  5 O. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE (\$000)  430-835 ADD TO AND ALTER SECURITY 6,700 SF 500			•			
. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved  . LAND ACQUISITION REQUIRED  None  (Number of Acres ATEGORY CODE PROJECT TITLE SCOPE (\$000)  730-835 ADD TO AND ALTER SECURITY  6,700 SF 500			•			_
Unilateral Construction Approved  C. LAND ACQUISITION REQUIRED  None  (Number of Acres Acr	30-142 CO	MPOSITE FIRE STATION	11,800 SF	1,950	DEC 93	APR 9
Unilateral Construction Approved  C. LAND ACQUISITION REQUIRED  None  (Number of Acres Acr			· · · · · · · · · · · · · · · · · · ·		-	
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Unilateral Construction Approved  C. LAND ACQUISITION REQUIRED  None  (Number of Acres Acr						
O. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE (\$000)  230-835 ADD TO AND ALTER SECURITY 6,700 SF 500	. STATE RE	SERVE FORCES FACILITIES BOARD	RECOMMENDATI	ON		
O. PROJECTS PLANNED IN NEXT FOUR YEARS  ATEGORY  CODE  PROJECT TITLE  SCOPE  (\$000)  230-835 ADD TO AND ALTER SECURITY  One  None  (Number of Acres (\$000)	Unila	teral Construction Approved				
(Number of Acres O. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE (\$000)  30-835 ADD TO AND ALTER SECURITY 6,700 SF 500					(Dat	:e)
O. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST CODE PROJECT TITLE SCOPE (\$000)  30-835 ADD TO AND ALTER SECURITY 6,700 SF 500						
COST CODE PROJECT TITLE SCOPE (\$000)  30-835 ADD TO AND ALTER SECURITY 6,700 SF 500		UISITION REQUIRED	None			
CODE PROJECT TITLE SCOPE (\$000)  230-835 ADD TO AND ALTER SECURITY 6,700 SF 500	. LAND ACQ	<u>-</u>	None	(1)	Number of	Acres
CODE PROJECT TITLE SCOPE (\$000)  230-835 ADD TO AND ALTER SECURITY 6,700 SF 500	). LAND ACQ	<u>-</u>	None		Jumber of	Acres
230-835 ADD TO AND ALTER SECURITY 6,700 SF 500	). LAND ACQ	<u>-</u>	None	COST	Number of	Acres
	O. LAND ACQ LO. PROJECT CATEGORY	S PLANNED IN NEXT FOUR YEARS		COST	Number of	Acres
	O. LAND ACQ O. PROJECT CATEGORY CODE 730-835 AD	S PLANNED IN NEXT FOUR YEARS  PROJECT TITLE	SCOPE	COST (\$000)	Jumber of	Acres
	O. PROJECT CATEGORY CODE	S PLANNED IN NEXT FOUR YEARS  PROJECT TITLE  TO AND ALTER SECURITY	SCOPE	COST (\$000)	Jumber of	Acres
	O. LAND ACQ O. PROJECT CATEGORY CODE 730-835 AD	S PLANNED IN NEXT FOUR YEARS  PROJECT TITLE  TO AND ALTER SECURITY	SCOPE	COST (\$000)	Jumber of	Acres
	P. LAND ACQ O. PROJECT CATEGORY CODE 730-835 AD	S PLANNED IN NEXT FOUR YEARS  PROJECT TITLE  TO AND ALTER SECURITY	SCOPE	COST (\$000)	Jumber of	Acres
	P. LAND ACQ  10. PROJECT  CATEGORY  CODE  730-835 AD	S PLANNED IN NEXT FOUR YEARS  PROJECT TITLE  TO AND ALTER SECURITY	SCOPE	COST (\$000)	Jumber of	Acres
	P. LAND ACQ  10. PROJECT  CATEGORY  CODE  730-835 AD	S PLANNED IN NEXT FOUR YEARS  PROJECT TITLE  TO AND ALTER SECURITY	SCOPE	COST (\$000)	Jumber of	Acres
	P. LAND ACQ O. PROJECT CATEGORY CODE 730-835 AD	S PLANNED IN NEXT FOUR YEARS  PROJECT TITLE  TO AND ALTER SECURITY	SCOPE	COST (\$000)	Jumber of	Acres
	P. LAND ACQ O. PROJECT CATEGORY CODE 730-835 AD	S PLANNED IN NEXT FOUR YEARS  PROJECT TITLE  TO AND ALTER SECURITY	SCOPE	COST (\$000)	Jumber of	Acres
	O. LAND ACQ O. PROJECT CATEGORY CODE 730-835 AD	S PLANNED IN NEXT FOUR YEARS  PROJECT TITLE  TO AND ALTER SECURITY	SCOPE	COST (\$000)	Jumber of	Acres
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-	1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
	ANG	MILITARY CONSTRUCTION	İ

3. INSTALLATION AND LOCATION WILL ROGERS WORLD AIRPORT OKLAHOMA

### 11. PERSONNEL STRENGTH AS OF 11 AUG 94

	PERMANENT			GUARD/RESERVE			
	TOTAL	OFFICER ENLISTED		CIVILIAN	TOTAL	OFFICER	ENLISTED
<b>AUTHORIZED</b>	305	30	240	35	1,281	189	1,092
ACTUAL	282	30	218	34	1,167	184	983

### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
137	ALW		51	51
			95	
137	ALS			101
137	MNT SQ		169	156
137	MSF		34	34
137	MED SQ		52	51
137	APF		65	53
137	CES		134	. 109
137	SVF		34	30
137	SPS		57	55
137	LGS		107	94
137	AEROMD		146	130
205	EIS .		220	190
137	COM FT		40	36,
137	OPS GP		6	. 6
137	OSF		18	18
137	LOG GP		7	<i>*</i> 6
137	SPT GP		5	6
HQ	OKANG		27	29
137	ALCEFT		14	12
		TOTALS	1,281	1,167

TYPE	AUTHORIZED	ASSIGNED
C-130H (PAA)	8	8
C-130H (BAI)	. 2	2
C-130H (OSA)	2	2
Support Equipment	126	100
Vehicle Equivalents	450	449

2. DATE 1. COMPONENT FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated) ANG 3. INSTALLATION AND LOCATION 4. PROJECT TITLE WILL ROGERS WORLD AIRPORT OKLAHOMA AERIAL PORT TRAINING FACILITY 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000) YZEU899778 \$2,550 55296F 171-873 9. COST ESTIMATES UNIT COST (\$000) U/M QUANTITY COST ITEM 1,843 AERIAL PORT TRAINING FACILITY SF 17,400 AERIAL PORT TRAINING SF 14,200 105 (1,491)352) SF 3,200 110 AIRLIFT COMMAND ELEMENT ( SUPPORTING FACILITIES 480 200) LS UTILITIES 190) LS **PAVEMENTS** 20) SITE IMPROVEMENTS LS LS 20) DEMOLITION LS 50) PRE-WIRED WORK STATIONS 2,323 SUBTOTAL 116 CONTINGENCY (5%) TOTAL CONTRACT COST 2,439 SUPERVISION, INSPECTION AND OVERHEAD (5%) 122 2,561 TOTAL REQUEST TOTAL REQUEST (ROUNDED) 2,550

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with masonry and steel framed walls and roof structure. Includes interior and exterior utilities, pavements and site improvements. Building 1017 at 6,720 SF must be demolished to clear the site for the aerial port training facility.

Air Conditioning: 25 Tons.

11. REQUIREMENT: 17,400 SF ADEQUATE: 0 SUBSTANDARD: 11,200 SF PROJECT: Aerial Port Training Facility (Current Mission).

REQUIREMENT: The base requires a facility for air cargo preparation training and administration of an aerial port squadron in support of 8 C-130H aircraft. For training purposes, cargo is dropped from aircraft, recovered from drop zones, repaired, reassembled, refitted with parachutes and stored for reuse in another training exercise. Preparation area must have cranes for movement of heavy loads, parachute drying tower, parachute sewing, repair and storage space. The facility is also required for the administrative and mobility storage functions of the airlift command element.

CURRENT SITUATION: The aerial port function is conducted in Buildings 1017 and 1023 which are both substandard, semi-permanent sheet metal buildings with a total of 11,200 SF. The buildings are poorly insulated, improperly configured and grossly inadequate for the mission. There are numerous health and safety hazards. The interior utility systems are undersized. The wiring is old and brittle. There are numerous electric and life safety code violations. The mechanical systems are old. Spare parts are no longer available. The roofs leak. The buildings do not have the height or maneuvering space for inside fork lift operation. The movement of the air cargo and equipment is done in a hazardous manner.

	1. COMPONENT			2. D	ATE
		FY 1996 MILITARY CONSTRUCTION PROJECT	DATA	ľ	
	ANG	(computer generated)			
		ON AND LOCATION  WORLD AIRPORT OKLAHOMA			
•	4. PROJECT T	TLE	5.	PROJECT	NUMBER
	AERIAL PORT	TRAINING FACILITY		YZEU899	778

The size of the aerial port squadron has increased in both the number of personnel and equipment. The interior configuration does not lend itself to today's concept of operation and training standards. The two facilities do not represent a quality work and training place. Upon completion of this project, Building 1023 at 4,480 SF will be demolished. <a href="IMPACT IF NOT PROVIDED">IMPACT IF NOT PROVIDED</a>: Overcrowded facilities contribute to ineffective and hazardous training of aerial port personnel and a reduced number of aerial delivery loads to train combat crews. Training opportunities are lost. Higher operating costs. Untrained crews could result in missed dropped zones and damage to equipment. Decreased efficiency and readiness.

<u>ADDITIONAL</u>: A life cycle economic analysis has been performed comparing all reasonable options for accomplishing this project. The analysis indicates new construction is the most economical alternative.

. COMPONENT			2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT DA	ATA	
NG	(computer generated)		
, INSTALLAT	ON AND LOCATION		
ILL ROGERS V	WORLD AIRPORT OKLAHOMA		
. PROJECT T	TLE	5. PRO	OJECT NUMBE
AERIAL PORT :	TRAINING FACILITY	YZI	EU899778
2. SUPPLEM	ENTAL DATA:		
a. Estimat	ced Design Data:		
(1) St	catus:		
(a)	Date Design Started		93 JAN 0
(b)	Percent Complete as of Jan 95		65
(c	Date 35% Designed		94 SEP 3
(d)	Date Design Complete		95 APR 2
(2) Ba	asis:		
(a)	Standard or Definitive Design -		NO
(b)	Where Design Was Most Recently Used -		N/A
(3) To	otal Cost (c) = (a) + (b) or (d) + (e):		(\$00
	Production of Plans and Specifications		10
	All Other Design Costs		5
(0	Total		15
(d)	Contract		15
(e)	In-house		
(4) Co	onstruction Start		96 MA

other appropriations: N/A

1. COMPONENT

FY 1996 MILITARY CONSTRUCTION PROJECT DATA

(computer generated)

3. INSTALLATION AND LOCATION

WILL ROGERS WORLD AIRPORT OKLAHOMA

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)

9. COST ESTIMATES

YZEU001609

730-142

9. COST ESTIMAT	E0			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
COMPOSITE FIRE STATION	SF	11,800		1,339
FIRE STATION	SF	10,600	115	( 1,219)
PHYSICAL FITNESS TRAINING AREA	SF	1,200	100	( 120)
SUPPORTING FACILITIES				430
UTILITIES	LS			( 200)
PAVEMENTS	LS			( 150)
SITE IMPROVEMENTS	LS			( 50)
DEMOLITION	LS			(30)
SUBTOTAL	ŀ			1,769
CONTINGENCY (5%)				88
TOTAL CONTRACT COST	İ			1,857
SUPERVISION, INSPECTION AND OVERHEAD (5%)				93
TOTAL REQUEST	ŀ			1,950
TOTAL REQUEST (ROUNDED)				1,950
	ŀ	٠ .	· •	
,			•	:
		•	•	

- 10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Access pavements, utility systems, site improvements and support. Building 1015 at 1,247 SF must be demolished to clear the site for the fire station. Air Conditioning: 20 Tons.
- 11. REQUIREMENT: 11,800 SF ADEQUATE: 0 SUBSTANDARD: 4,194 SF PROJECT: Composite Fire Station (Current Mission).

REQUIREMENT: An adequately sized and properly configured facility to support fire and crash/rescue operations. It includes apparatus bays, extinguisher maintenance, alarm room, chief's office, technical services, day room, lockers, kitchen and dining areas, classroom and administrative areas, bunkrooms for 24 hour operation of the 8 full time and 24 Unit Training Assembly fire fighters. Also provides space for total base physical fitness program.

CURRENT SITUATION: The 1959 vintage fire station is too small to properly support the fire fighting and crash/rescue operations. Only three of the eight fire vehicles fit into the undersized apparatus bays. The building does not have adequate space for storage of fire fighting agent, bunker gear, and mobility bags. The alarm room is substandard and the facility does not have a classroom. Living conditions for fire fighters working extended hours are grossly substandard. The kitchen area is located in the truck bay area, the bathroom sink is used to wash dishes, and there are no shower facilities. The single bathroom is used by men and women. Risk Assessment Code (RAC) of 2 and a Fire Safety Deficiency (FSD) code of 1 have been assigned to the facility by the authority having jurisdiction. This facility is not a quality work place and will be demolished. The base does not have any indoor physical training area. The small area will

55296F

\$1,950

	1. COMPONENT	FY 1996	MILITARY	CONSTRUCTION	PROJECT	DATA	2. D	ATE
	ANG		(compi	uter generate	d)			
	3. INSTALLATION WILL ROGERS WOR			A				
-	4. PROJECT TITE	LE				5.	PROJECT	NUMBER
	COMPOSITE FIRE	статтом					YZEU0016	609

allow for a few pieces of aerobic and exercise equipment as part of the base physical training program. Upon completion of this project, Building 1014 at 2,707 SF and Building 1021 at 240 SF, will be demolished.

IMPACT IF NOT PROVIDED: Fire fighting apparatus remains exposed to the weather which accelerates deterioration. Firefighters continue to work in a substandard and unsafe facility. Hardships on the overall fire protection operation continue and jepordizes crash/rescue and fire fighting capabilities. Accept the safety and health risks. Unable to properly train.

(c) Date 35% Designed (d) Date Design Complete  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house	ANG	FY 1996 MILITARY CONSTRUCTION PROJECT D (computer generated)			
PROJECT TITLE   5. PROJECT NUMBER   5. PROJE	. INSTALL	ATION AND LOCATION			
COMPOSITE FIRE STATION  2. SUPPLEMENTAL DATA:  a. Estimated Design Data:  (1) Status: (a) Date Design Started (b) Percent Complete as of Jan 95 (c) Date 35% Designed (d) Date Design Complete (d) Date Design Complete (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (b) Where Design Was Most Recently Used - (c) Total (d) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  96 JULE  2. PROJECT NUMBE  YZEU001609  **YZEU001609  **YZEU0	ILL ROGER	S WORLD AIRPORT OKLAHOMA			
a. Estimated Design Data:  (1) Status: (a) Date Design Started (b) Percent Complete as of Jan 95 (c) Date 35% Designed (d) Date Design Complete (d) Date Design Complete (e) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  96 JUN  5. Equipment associated with this project will be provided from			5. PR	OJECT	NUMBER
a. Estimated Design Data:  (1) Status: (a) Date Design Started (b) Percent Complete as of Jan 95 (c) Date 35% Designed (d) Date Design Complete (d) Date Design Complete (e) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (c) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  (5) Equipment associated with this project will be provided from					
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(1) Status:  (a) Date Design Started (b) Percent Complete as of Jan 95 (c) Date 35% Designed (d) Date Design Complete 95 APR 30  (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  96 JUN	2. SUPPL	EMENTAL DATA:			
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(b) Percent Complete as of Jan 95  (c) Date 35% Designed 94 DEC 06 (d) Date Design Complete 95 APR 36  (2) Basis:  (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start 96 JUN	(1)				
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(b) Where Design Was Most Recently Used - N/A  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000 (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house (4) Construction Start 96 JUN  Equipment associated with this project will be provided from	. (2)				
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(b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  96 JUN  Equipment associated with this project will be provided from	(-,				81
(c) Total (d) Contract (e) In-house  (4) Construction Start  96 JUN  Equipment associated with this project will be provided from		• •			36
(d) Contract (e) In-house  (4) Construction Start  96 JUI  Equipment associated with this project will be provided from		· ·		•	117
(e) In-house  (4) Construction Start  96 JUN  Equipment associated with this project will be provided from			•		117
. Equipment associated with this project will be provided from			••		
	(4)	Construction Start			96 JUN
	•				
ther appropriations: N/A			ded fro	m	
	tner appr	opriations: N/A			

. COMPONE	T	FY 1996 GUARD AN				2. DATE	
ANG		MILITARY CONST	TRUCTION				CONCE
		ID LOCATION				4. AREA	
ITTSBURGH	INT'L !	APT ANG, PENNSYLVANII	<b>A</b>			1	INDEX
						1.	02
wo Unit T	raining	TYPE OF UTILIZATION Assemblies per mont	h, 15 days and ce and for tra	nual i	field J•	training	per
Naval Re	serve C	UARD/RESERVE INSTALL enter, 1 Army Reserv ational Guard Armory	e Support Cent	15 M	ILE RA 1 Air	DIUS Force Re	eserve
7. PROJECT	S REQUE	STED IN THIS PROGRAM	: FY 1996				
CATEGORY			,		COST	DESIGN	
CODE		PROJECT TITLE	SCOPE	7	\$000)	START	CMPL
	FUEL SYS	TEMS MAINTENANCE	26,300	<b>sr</b> 5	,332	MAY 91	OCT S
•	,		•				
8. STATE	RESERVE lateral	FORCES FACILITIES BO Construction Approve	OARD RECOMMEND	OITAC	1	30 SE	
8. STATE Uni	RESERVE lateral	FORCES FACILITIES BO Construction Approve	ed	OATION			P 93
Uni	lateral	FORCES FACILITIES BO Construction Approve	OARD RECOMMEND ed None	ATION		(Da	ite)
Uni 9. LAND A	lateral	Construction Approve	None ·	OATION			ite)
Uni 9. LAND A 10. PROJE	lateral	Construction Approve	None ·	OATION		(Da	ite)
Uni 9. LAND A 10. PROJE CATEGORY	lateral	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE	None ARS		COST	(Da	ite)
Uni 9. LAND A	lateral	Construction Approve	None ·			(Da	ite)
9. LAND A 10. PROJE CATEGORY CODE	CQUISIT CCTS PLA	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE. PROJECT TITLE	None ARS		COST	(Da	ite)
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9. LAND A 10. PROJE CATEGORY CODE	CQUISIT CCTS PLA	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE. PROJECT TITLE	None ARS		COST (\$000)	(Da	ite)
9. LAND A 10. PROJE CATEGORY CODE	CQUISIT CCTS PLA	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE. PROJECT TITLE	None ARS		COST (\$000)	(Da	ite)
9. LAND A 10. PROJE CATEGORY CODE	CQUISIT CTS PLA	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE. PROJECT TITLE	None ARS		COST (\$000)	(Da	ite)
9. LAND A 10. PROJE CATEGORY CODE	CQUISIT CTS PLA	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE. PROJECT TITLE	None ARS		COST (\$000)	(Da	ite)
9. LAND A 10. PROJE CATEGORY CODE	CQUISIT CTS PLA	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE. PROJECT TITLE	None ARS		COST (\$000)	(Da	ite)
9. LAND A 10. PROJE CATEGORY CODE	CQUISIT CTS PLA	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE. PROJECT TITLE	None ARS		COST (\$000)	(Da	ite)
9. LAND A 10. PROJE CATEGORY CODE	CQUISIT CTS PLA	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE. PROJECT TITLE	None ARS		COST (\$000)	(Da	ite)
9. LAND A 10. PROJE CATEGORY CODE	CQUISIT CTS PLA	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE. PROJECT TITLE	None ARS		COST (\$000)	(Da	ite)
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9. LAND A 10. PROJE CATEGORY CODE	CQUISIT CTS PLA	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE. PROJECT TITLE	None ARS		COST (\$000)	(Da	ite)
9. LAND A 10. PROJE CATEGORY CODE	CQUISIT CTS PLA	Construction Approve ION REQUIRED NNED IN NEXT FOUR YE. PROJECT TITLE	None ARS		COST (\$000)	(Da	te)

#### 2. DATE 1. COMPONENT FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION ANG

3. INSTALLATION AND LOCATION PITTSBURGH INT'L APT ANG, PENNSYLVANIA

#### 11. PERSONNEL STRENGTH AS OF 12 AUG 94

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	481	61	420	0	1,500	199	1,301
ACTUAL	464	58	406	0	1,577	229	1,348

#### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
171	svs		45	43
171	OPS		8	12
171	LGS		18	18
171	SPT		5	7
171	OPSPT		44	41
146	ARS		69	74
112	CLINIC		55	48
171	AR		65	87
147	ARS		69	76
171	MS		41	65
171	MAINT		544	548
171	CLINIC		55	51
171	COMM		57	· 55
171	CES	•	134	147
171	SP		118	117
171	LOG		154	170
146	WEA FT		19	18
		TOTALS	1,500	1,577

TYPE	AUTHORIZED	ASSIGNED
KC-135E Aircraft	19	20
Support Equipment	257	255
Vehicle Equivalents	450	450

1. COMPONENT	1	. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	
ANG	(computer generated)	
	ION AND LOCATION  ATTERNATIONAL AIRPORT (ANG)  FUEL SYSTEMS MAINTENAN  FACILITY	ice
5. PROGRAM EI	LEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT	COST(\$000)

51411F	211-179	JLSQ899539		\$5	5,332
	9. cos:	r estimates			
				UNIT	COST
1	ITEM	U/M	QUANTITY	COST	(\$000)
FUEL SYSTEMS MAINT	ENANCE FACILITY	SF	26,300		3,751
FUEL SYSTEMS MAIN	NTENANCE DOCK	SF	23,800	145	( 3,451)
FUEL SYSTEMS SHO	PS ·	SP	2,500	120	( 300)
SUPPORTING FACILIT	IES	İ			1,085
UTILITIES		LS			( 355)
PAVEMENTS		LS	·		( 230)
SITE IMPROVEMENT	S	LS			( 100)
FIRE SUPPRESSION		LS			(400)
SUBTOTAL			1	·	4,836
CONTINGENCY (5%)				ł	242
TOTAL CONTRACT COS	T				5,078
SUPERVISION, INSPE	CTION AND OVERHEA	D (5%)		1	254
TOTAL REQUEST			1		5,332
TOTAL REQUEST (ROU	NDED)		ļ	İ	5,332
		·			~
1					
	· · · · · · · · · · · · · · · · · · ·				

- 10. Description of Proposed Construction: Reinforced concrete foundation and floor slab; structural steel and masonry with insulated panel walls and roof structure. Concrete retaining walls. All utilities, access pavements, site improvements, fire suppression and support. Air Conditioning: 15 Tons.
- 11. REQUIREMENT: 26,300 SF ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: Fuel Systems Maintenance Facility (New Mission).

REQUIREMENT: The base needs a facility for the repair of aircraft fuel systems and the washing of aircraft. Functional areas include fuel cell hangar bay/washrack, fuel bladder repair shop, support shop space, and approach aprons to the hangar. Work must be performed indoors to keep dust and debris from entering the fuel cells/bladders and to meet environmental statutes.

CURRENT SITUATION: The unit does not have a facility to perform fuel cell maintenance on the KC-135 aircraft. Weather conditions and environmental regulations mandate that fuel cell maintenance be performed indoors since it requires that the aircraft have fuel bladders and cells open for a considerable time. The work is now being performed in a hangar and on the ramp, weather permitting. Both locations are violations of aircraft technical orders and result in environmental non-compliance. The ramp does not have the proper containment for fuel spills. Fuel on the ramp is washed down and ends up in the nearby stream which runs off base. This violates federal and state regulations involving the Clean Water Act. If fuel cell work is done in the hangar, other hangar operations must be totally shut down. The building does not have explosion proof fixtures, a fume extraction system, or a containment system for fuel spills.

IMPACT IF NOT PROVIDED: Fuel cell maintenance is not being performed on

1. COMPONENT			2. DATE
ANG	FY 1996 MILITARY CONSTRUCTION PROJECT (computer generated)	r DATA	
3. INSTALLATIO			
4. PROJECT TIT		5. PR	OJECT NUMBER
FUEL SYSTEMS M	AINTENANCE FACILITY	JL	SQ899539
	t operational readiness is degraded. Un		

time. The unit operational readiness is degraded. Unable to comply with environmental regulations. Violation of technical orders. Inadequate maintenance and inadequate training. The Air National Guard could receive unfavorable publicity if a fuel spill is not contained.

ADDITIONAL: An exception to the economic analysis requirement has been prepared for this project showing that there is no alternative other than new construction.

	ENT	FY 1996 MILITARY CONSTRUCTION PROJECT DAT	2. DATE
NG		(computer generated)	
. INSTAL	LATIO	ON AND LOCATION	
		ERNATIONAL AIRPORT (ANG) PENNSYLVANIA	
. PROJECT	r TIT	LE	5. PROJECT NUMBER
UEL SYST	ems m	IAINTENANCE FACILITY	JLSQ899539
2. SUPPI		TAL DATA:	
Z. SUPPI	LEMEN	TAL DATA:	
a. Est	imate	ed Design Data:	
(1)	Sta	itus;	
•	(a)	Date Design Started	91 MAY 07
		Percent Complete as of Jan 95	100%
		Date 35% Designed	94 JAN 30
		Date Design Complete	94 OCT 01
(2)	Bas	sis:	
		Standard or Definitive Design -	NO
		Where Design Was Most Recently Used -	N/A
(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):	(\$000
( - ,		Production of Plans and Specifications	200
		All Other Design Costs	70
		Total	270
		Contract	270
		In-house	•
(4)	Con	struction Start	96 MAY
( - /	00		
		•	
		associated with this project will be provide	ed from
ther app	ropri	ations: N/A	

	1. COMPONENT ANG	FY 1996 GUARD MILITARY CO					2. DATE	2
-	3. INSTALLATIO	ON AND LOCATION O ANG, SOUTH DAKOTA		.on			COST	CONSTR INDEX 10
	Twelve monthly training days	AND TYPE OF UTILIZATIO y assemblies per year are utilized for requ acilities by technicia	along wi ired rea	diness	essa: tra:	ry local ining.	annual Daily us	field se is
		/E/GUARD/RESERVE INSTA al Guard Armory and 1						
	7. PROJECTS RECATEGORY CODE	EQUESTED IN THIS PROGR	AM: FY	1996 SCOPE		COST (\$000)	DESIGN START	STAŢUS CMPL
	<del></del>	SUPPLY COMPLEX		35,400	c P	4,000	SEP 91	FEB 94
	442-758 BASE	SUPPLI COMPLEX				4,000	SEF 91	LEB 34
	•	•						
		RVE FORCES FACILITIES cal Construction Appro		COMMENI	DATIC	ON	9 NOV	
-	Unilate	- · · · · · · · · · · · · · · · · · · ·			OATIO		(Dat	:e)
-	Unilate	cal Construction Appro	ved Nor		OATIO			e)
-	Unilates  9. LAND ACQUIS  10. PROJECTS IS CATEGORY CODE  214-425 VEHIC	ral Construction Appro	Nor EARS	ne		COST	(Dat	:e)
-	Unilates  9. LAND ACQUIS  10. PROJECTS IS CATEGORY CODE  214-425 VEHIC	ral Construction Approsition Required PLANNED IN NEXT FOUR Y PROJECT TITLE CLE MAINTENANCE AND AG	Nor EARS	SCOPE		(N COST (\$000)	(Dat	:e)
-	Unilates  9. LAND ACQUIS  10. PROJECTS IS CATEGORY CODE  214-425 VEHIC	ral Construction Approsition Required PLANNED IN NEXT FOUR Y PROJECT TITLE CLE MAINTENANCE AND AG	Nor EARS	SCOPE		(N COST (\$000)	(Dat	:e)
-	Unilates  9. LAND ACQUIS  10. PROJECTS IS CATEGORY CODE  214-425 VEHIC	ral Construction Approsition Required PLANNED IN NEXT FOUR Y PROJECT TITLE CLE MAINTENANCE AND AG	Nor EARS	SCOPE		(N COST (\$000)	(Dat	:e)
-	Unilates  9. LAND ACQUIS  10. PROJECTS IS CATEGORY CODE  214-425 VEHIC	ral Construction Approsition Required PLANNED IN NEXT FOUR Y PROJECT TITLE CLE MAINTENANCE AND AG	Nor EARS	SCOPE		(N COST (\$000)	(Dat	:e)
	Unilates  9. LAND ACQUIS  10. PROJECTS IS CATEGORY CODE  214-425 VEHIC	ral Construction Approsition Required PLANNED IN NEXT FOUR Y PROJECT TITLE CLE MAINTENANCE AND AG	Nor EARS	SCOPE		(N COST (\$000)	(Dat	:e)

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATIO	N AND LOCATION	
JOE FOSS FIELD	ANG, SOUTH DAKOTA	

4.4	DEDGOMME	CODDINGOIL	BC OF	0	BIIC	0.4
111.	PERSONNEL	STRENGTH	AS OF	0	MUG	74

		PERMANENT			GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	307	26	280	1	1,042	112	930
ACTUAL	307	26	280	1	991	109	882

## 12. RESERVE UNIT DATA

	_		STRENGTH			
UNIT DES	SIGNATION		AUTHORIZED	ACTUAL		
114	OG T		3	3		
114	SVF		27	26		
114	LG		16	13		
114	SG	•	5	4		
114	OSF		25	19		
114	FG		49	45		
175	FS		42	43		
114	MSF		33	31		
114	MAS		447	397		
114	MED SQ		35	34		
114	CES		131	124		
114	SPS		· 57	56		
114	LS	•	107	96		
114	CF		42	36		
114	HQSDNG		23	. 22		
8114	STU FT		0	42		
		TOTALS	1,042	991		

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	22
C-12 Aircraft	1	1
Support Equipment	309	285
Vehicle Equivalents	391	391

1. COMPONENT	FY 1	.996 MILIT	ARY C	ONSTRUC	TION PROJECT		2. DATE
ANG		( 0	ompute	er gene	rated)		
3. INSTALLATI	3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
JOE FOSS FIEL	D ANG SO	UTH DAKOT	A		BASE SUPPLY	COMPLEX	
5. PROGRAM EI	EMENT 6.	CATEGORY	CODE	7. PRO	JECT NUMBER	8. PROJEC	T COST(\$000)
55296F		442-758		LUX	0001389		\$4,000

9. COST ESTIMAT	ES			
			UNIT	COST
ITEM	ש/ט	QUANTITY	COST	(\$000)
BASE SUPPLY COMPLEX	SF	35,400		3,035
BASE SUPPLY AND EQUIPMENT WAREHOUSE	SF	29,000	95	( 2,755)
BASE SUPPLY AND EQUIPMENT SHED	SF	4,000	40	( 160)
ALTER BASE HAZARDOUS STORAGE BUILDING	SF	2,400	50	( 120)
SUPPORTING FACILITIES				600
UTILITIES	LS			( 100)
PAVEMENTS AND ACCESS ROAD	LS			( 250)
SITE IMPROVEMENTS	LS			( 50)
PRE-WIRED WORK STATIONS	LS	•		(200)
SUBTOTAL				3,635
CONTINGENCY (5%)	ľ			182
TOTAL CONTRACT COST	ŀ			3,817
SUPERVISION, INSPECTION AND OVERHEAD (5%)	:			191
TOTAL REQUEST				4,008
TOTAL REQUEST (ROUNDED)				4,000
	- [			

- 10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed masonry walls and insulated roof structure. Shed shall be pre-engineered metal building. Provide all utilities, pavements/road and site improvements. Alter Building 44 for hazardous storage by rearranging walls and utilities and providing fire protection. Air Conditioning: 30 Tons.
- 11. REQUIREMENT: 35,400 SF ADEQUATE: 0 SUBSTANDARD: 31,067 SF PROJECT: Base Supply Complex (Current Mission).

REQUIREMENT: The base requires a properly sized and adequately configured supply and equipment warehouse with adequate floor space and height to accommodate the day to day storage of spare parts, war readiness supply kits (WRSK), mobility bags, administrative space, and other miscellaneous supply functions.

CURRENT SITUATION: The base supply facility does not have enough space to support the mission. The structure is approximately 40 years old with a floor to ceiling height of only 12 feet. There is no loading/ unloading dock. The low ceiling space prevents the proper shelf space necessary to store aircraft spare parts and other support supply items. Administration space is inadequate. The heating and air conditioning systems are not correctly sized. The severe shortage of floor space results in supply items being stored outside. These materials normally should be stored inside. As a temporary workaround to the storage space, the shelving units have been moved closer together. This has compromised safety by reducing the safety clearance for fork lift operation between the aisles. The personnel must do the jobs manually versus using machines and result in the potential for personnel injuries. In addition, space for other supply functions are forced to double up in their assigned work spaces.

1. COMPONENT		2. DATE
ANG	FY 1996 MILITARY CONSTRUCTION PROJECT DAT (computer generated)	'A
ļ	ON AND LOCATION  D ANG SOUTH DAKOTA	
4. PROJECT TI		5. PROJECT NUMBER
BASE SUPPLY C	OMPLEX	LUXC001389

This is barely acceptable during the normal work week, but becomes unworkable during weekend training periods. The facility is not a quality work place. Upon completion of this project, the following will be demolished: Building 42 at 20,452 SF, Building 43 at 630 SF, and Building 63 at 7,585 SF for a total of 28,667 SF.

IMPACT IF NOT PROVIDED: The supply functions continue in an overcrowded and poorly functioning facility degrading the units training, mission effectiveness and support. Some supplies continue to be stored outside subject to spoilage and degradation. Safety hazards continue. Unit morale is affected. Safety is compromised and efficiency is lost.

ADDITIONAL: A life cycle economic analysis has been performed comparing all reasonable options for accomplishing this project. The analysis indicates that new construction is the most economical alternative.

1. COMPONENT			2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT DA	TA	
ANG	(computer generated)		
3. INSTALLATIO	ON AND LOCATION		
	·		
<del></del>	O ANG SOUTH DAKOTA	TE DD	O TECH MINOED
4. PROJECT TIT	.PR	5. PR	OJECT NUMBER
BASE SUPPLY CO	OMPLEX	LU	xc001389
		•	
12. SUPPLEMEN	ITAL DATA:		
a. Estimate	ed Design Data:		
. (1) Sta	itus:		
• •	Date Design Started		91 SEP 10
· ·	Percent Complete as of Jan 95		100%
	Date 35% Designed		93 DEC 30
(a)			94 FEB 18
(2) Bas	is:		
(a)			NO
(b)			N/A
(3) Tot	al Cost (c) = (a) + (b) or (d) + (e):		(\$000
	Production of Plans and Specifications		190
(b)	·-		71
(c)			. 261
. , ,	Contract		261
(e)			
(4) Cor	struction Start		96 MAY
	ISTRUCTION SEART		JO MAY

b. Equipment associated with this project will be provided from other appropriations: N/A

5. FREQUENCY AN	FY 1996 GUARD AND MILITARY CONSTR AND LOCATION RPORT TENNESSEE			2. DATE	3					
3. INSTALLATION MCGHEE TYSON AI 5. FREQUENCY AN Four unit train	AND LOCATION	UCTION			<b>.</b>					
MCGHEE TYSON AI  5. FREQUENCY AN Four unit train				4 3057	CONSTI					
5. FREQUENCY AN	RPORT TENNESSEE				INDEX					
Four unit train										
Four unit train				1 0.	.90					
	D TYPE OF UTILIZATION									
	ing assemblies per month			trainir	ng per					
year, daily use	by technician/AGR force	and for train	ing.							
6. OTHER ACTIVE	:/GUARD/RESERVE INSTALLAT	IONS WITHIN 15	MILE RA	DIUS						
3 Army National	. Guard Armories, 1 Army . Init and 1 Coast Guard Re	Aviation Suppo			Marine					
7. PROJECTS REC	UESTED IN THIS PROGRAM:	FY 1996								
CATEGORY	,		COST .	DESIGN	STATUS					
CODE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL					
CODE	FROME TITLE	<u>5001 B</u>	10007	<u> </u>	<u> </u>					
721-000 PMEC S	CHOOL TRAINING QUARTERS	40,000 SF	4,400	SEP 89	JUN 9:					
					. •					
					,					
8. STATE RESERV	E FORCES FACILITIES BOAR	D RECOMMENDATI	ON							
a contract of the contract of	1 Construction Approved			24 FEE						
O TAND ACQUITET	TION REQUIRED	None								
A. THUD MCGOISI			( N	umber of	Acres					
9. LAND ACQUISI										
. ,	ANNED IN NEXT FOUR YEARS									
	ANNED IN NEXT FOUR YEARS		COST							
10. PROJECTS PI CATEGORY		SCOPE								
10. PROJECTS PI	ANNED IN NEXT FOUR YEARS PROJECT TITLE		COST (\$000)							
10. PROJECTS PI CATEGORY CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>							
10. PROJECTS PI CATEGORY CODE  217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							
10. PROJECTS PI CATEGORY CODE  217-712 AVIONI	PROJECT TITLE	SCOPE	<u>(\$000)</u>							
10. PROJECTS PI CATEGORY CODE  217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910		norco					
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910		norco					
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							
10. PROJECTS PI CATEGORY CODE 217-712 AVIONI	PROJECT TITLE	SCOPE 5,400 SF	(\$000) 910							

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATION	AND LOCATION	
MCGHEE TYSON AIF	RPORT TENNESSEE	

## 11. PERSONNEL STRENGTH AS OF 29 JUN 94

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	429	57	359	13	1,380	148	1,232
ACTUAL	424	56	356	12	1,314	153	1,161

### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATIO	<u>on</u>	AUTHORIZED	ACTUAL
134	OPG		,6	6
134	OSF		33	28
134	ARG		55	56
134	ARS		73	70
134	LGP		12	11
134	MAS		290	279
134	LMS		107	99
134	SGP		5	5
134	SVF	•	27	27
134	MSF	•	34	33
134	CF		44	. 39
134	SPS		75	73
134	CES	•	141	143
134	MED		59	61
572	AFB	÷	. 36 ·	. 28
228	ccs	•	172	147
110	ACS		90	92
119	ACS		121	117
		TOTALS	1,380	1,314

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	10	10
Support Equipment	92	92
Vehicle Equivalents	342	342

2. DATE 1. COMPONENT FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated) 4. PROJECT TITLE 3. INSTALLATION AND LOCATION MCGHEE TYSON AIRPORT TENNESSEE PMEC SCHOOL TRAINING QUARTERS 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000) PSXE001345 \$4,400 721-000 55296F 9. COST ESTIMATES UNIT COST **OUANTITY** COST (\$000) ITEM U/M SF 40,000 3,400 PMEC SCHOOL TRAINING QUARTERS 600 SUPPORTING FACILITIES 200) UTILITIES LS **PAVEMENTS** LS 100) 100) LS SITE IMPROVEMENTS 200) LS FIRE SUPPRESSION 4,000 SUBTOTAL 200 CONTINGENCY (5%) 4,200 TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) 210 4,410 TOTAL REQUEST TOTAL REQUEST (ROUNDED) 4,400

10. Description of Proposed Construction: Concrete foundations and floor slab, steel framed masonry walls and built-up roof. Includes utilities, access pavements, site improvements, fire protection, and support. Air Conditioning: 25 Tons.

11. REQUIREMENT: 130,000 SF ADEQUATE: 90,000 SF SUBSTANDARD: 23,270 SF PROJECT: PMEC School Training Quarters (Current Mission).

REQUIREMENT: In FY 87 Congress directed that beginning in FY 88 the ANG MILCON program include projects to expand and upgrade the Professional Military Education Center (PMEC). The ANG conducts the education and management programs for its enlisted/officer personnel and specialized courses tailored to the needs of the citizen soldier work force. Proper facilities are needed to meet the training. The facility upgrade program has been stretched out over the period due to decreased MILCON funds in the budget. This project completes the student training quarters construction program. Expanded and new ANG missions have generated a significant increase in students attending PMEC and doubled the required courses they take. As the Active Forces reduce in size, many personnel leave the service and join the Air National Guard. They must be trained in the unique mission of the ANG.

CURRENT SITUATION: The facility is a temporary wood framed structure built in the early 1950's. It is grossly substandard in terms of construction, function, efficiency, and space. It has numerous health and fire code violations. The quarters are not considered a quality living and training area. All other student quarters have been replaced with the exception of this facility. The base is receiving numerous complaints from students who are forced to occupy these grossly antiquated buildings. The rooms are poorly configured and cannot be economically modified for

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION	PROJECT DATA
ANG	(computer generated	d)
	ON AND LOCATION  AIRPORT TENNESSEE	
4. PROJECT TI	TLE	5. PROJECT NUMBER
PMEC SCHOOL T	RAINING QUARTERS	PSXE001345

student training. The rooms are poorly insulated have very poor acoustics. The facility does not have a fire protection system that meets the fire codes. It is poorly insulated and has asbestos. The electrical system violates the code and cannot support the load. The interior and exterior utilities are old and deteriorated. Frequent roof leaks have caused extensive interior water damage. The building siding is made of asbestos. Parts of the siding are broken. Matching tiles cannot be found. The bathrooms have antiquated fixtures and old and corroded utility lines. The windows allow considerable air infiltration. The heating system is deteriorated. The boilers are undersized. Upon completion of this project, Building 225 at 23,270 SF will be demolished. IMPACT IF NOT PROVIDED: Improper accommodations for the students impedes the training environment and degrades readiness. Health and safety hazards remain. Excessive costs to operate and maintain the structure. ADDITIONAL: A life cycle economic analysis has been prepared comparing all reasonable options for accomplishing this project. The analysis indicates that new construction is the most economical alternative.

. COMPONE	· -	2. DATE
\NG	FY 1996 MILITARY CONSTRUCTION PROJECT DA (computer generated)	ATA.
	ATION AND LOCATION	
CCUPP MVC	ON AIRPORT TENNESSEE	
. PROJECT		5. PROJECT NUMBE
MEC SCHOO	TRAINING QUARTERS	PSXE001345
2. SUPPL	EMENTAL DATA:	
a. Esti	nated Design Data:	
(1)	Status:	
	(a) Date Design Started	89 SEP 1
	(b) Percent Complete as of Jan 95	100
	(c) Date 35% Designed	90 DEC 3 91 JUN 3
	(d) Date Design Complete	91 JUN 3
(2)	Basis:	
	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$00
	(a) Production of Plans and Specifications	14
	(b) All Other Design Costs	6
	(c) Total	21
•	(d) Contract	. 21
	(e) In-house	•
(4)	Construction Start	96 MA
o. Equipm	ent associated with this project will be provid	led from
	opriations: N/A	
	,	

	ENT	FY 1996 GUARD AN					2. D	ATE	
ANG		MILITARY CONST	RUCT	ION			<u> </u>		
3. INSTAL	LATION :	AND LOCATION							CONST
MEMPHIS II	NTERNAT	IONAL AIRPORT, TENNESS	SEE				c		INDEX
							<u> </u>	0.	91
		TYPE OF UTILIZATION							
Twelve mo	nthly a	ssemblies per year, 1	day	s annua.	LIIE	eld trai	ning	per	
year, dai:	ly use	by technician/AGR fore	ce and	d for to	caini	ing.			
6. OTHER	ACTIVE/	GUARD/RESERVE INSTALL	ATION	S WITHI	N 15	MILE RA	DIUS		
		Guard Facility, 1 Nava						ese	rve
		ne Corps Facility, 1 1							
· · · · · · · · · · · · · · · · · ·	•					_			
	-	•							
7. PROJEC	TS REQU	ESTED IN THIS PROGRAM:	FY	1996					
CATEGORY		•				COST	DESI	GN	STATUS
CODE		PROJECT TITLE		SCOPE		(\$000)	STA	RT	CMPL
219-944	ADD TO	AND ALTER BASE ENGINE	ΣR	18,700	SF	990	MAY	93	JUN 9
	MAINTE	NANCE COMPLEX							
730-835		AND ALTER SECURITY		6,620	SF	1,100	NOV	92	FEB 9
		OPERATIONS FACILITY	•	•		•			
	100100								
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		•				•	•		
		•							
8 57277	PESERVE	FORCES FACILITIES BOX	ARD R	ECOMMENI	DATIC	ON	<del></del>		
		Construction Approved		DO011111111		-11	24	FEB	94
OIL	Iacerai	Constitution Approved	^					Dat	
O TAND A	COULETE	ION REQUIRED	No	70				Duc	
J. LAND A	CQUISII	ION REQUIRED	NO.	116		/ N	umber	of	Acres
10 PROJE	CTS DT.A	NNED IN NEXT FOUR YEAR	25				umber		110100
	CIO IDA	MIDD IN MENT TOOK TELL				COST			
		DBO TECT TITLE		SCOPE		(\$000)			
CATEGORY		PROJECT TITLE		SCOPE		(3000)			
CATEGORY				-					
CATEGORY									
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1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE

## 11. PERSONNEL STRENGTH AS OF 1 AUG 94

	PERMANENT					GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	236	4	55	177	1,113	125	988
ACTUAL	223	4	51	168	1,041	119	922 .

### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DES	SIGNATIO	<u>N</u>	AUTHORIZED	ACTUAL
155	AS		113	109
164	MAPS		101	99
164	CS		42	42
164	SPS		57 ·	61
164	MEDS		69	56
164	MS		320	283
164	LS		107	100
164	MPF		32	30
164	AG		55	51
164	CES		134	118
164	SVF	,	25	21
164	OG		6	6
8164	STU ET		8	25
164	LG		´ 7	7
164	SPG		5	4
164	oss		32	29
		TOTALS	1,113	1,041

TYPE	AUTHORIZED	ASSIGNED
C-141 Aircraft	8	8
Support Equipment	128	128
Vehicle Equivalents	274	262

1. COMPONENT						2. DATE
	FY	1996 MILITAR	Y CONSTRUC	TION PROJECT	DATA	•
ANG		(com	puter gene	rated)		
3. INSTALLAT	ION AND	LOCATION		4. PROJECT	TITLE	
		•		ADD TO AND A	ALTER BASE	ENGINEER
MEMPHIS INTE	RNATION	AL AIRPORT TE	NNESSEE	MAINTENANCE	COMPLEX	
5. PROGRAM E	LEMENT (	6. CATEGORY C	ODE 7. PRO	JECT NUMBER	8. PROJEC	T COST(\$000)
		210 044	DVV	010504		6000

PYKL919594 9. COST ESTIMATES UNIT COST COST (\$000) U/M QUANTITY ITEM 18,700 731 BASE CIVIL ENGINEER MAINTENANCE COMPLEX SF (383)ADD TO BASE ENGINEER SHOPS SF 4,500 85 250 72 18) SF ADD TO STORAGE SHED 25 SF 10,200 (255)ALTER BASE ENGINEER SHOPS SF 3,750 20 75) ALTER STORAGE SHED 170 SUPPORTING FACILITIES 40) LS UTILITIES 75) LS **PAVEMENTS** 20) SITE IMPROVEMENTS LS LS 35) PRE-WIRED WORK STATIONS 901 SUBTOTAL 45 CONTINGENCY (5%) 946 TOTAL CONTRACT COST 47 SUPERVISION, INSPECTION AND OVERHEAD (5%) 993 TOTAL REQUEST 990 TOTAL REQUEST (ROUNDED)

10. Description of Proposed Construction: Addition: Reinforced concrete foundation and floor slab, masonry and reinforced concrete walls and roof system. Exterior to match existing. Alteration: Relocate and extend walls and utilities. Construct metal building addition with concrete floor for storage. All utilities, pavements, fencing and necessary support.

Air Conditioning: 5 Tons.

11. REQUIREMENT: 18,700 SF ADEQUATE: 0 SUBSTANDARD: 13,950 SF PROJECT: Add to and Alter Base Engineer Maintenance Complex (Current Mission).

REQUIREMENT: The base requires an adequately sized and properly configured base civil engineering maintenance complex for the day-to-day maintenance and operation of the base facilities and to train for the wartime mission of the squadron. Functional areas are required for administration, training, work/material control, operations and planning, real property, material/ files storage, reproduction, engineering inspection; masonry, carpentry, plumbing, sheet metal/welding, HVAC, electrical, environmental, and power production shops.

CURRENT SITUATION: The base civil engineering shops operate from a structurally sound but grossly undersized and poorly configured facility. Some shops are too small. Others are poorly arranged. The building has health, safety, and fire code violations. The hallways are used for storage. The utility systems are old and undersized. There are insufficient bathrooms for both male and female occupants. There is insufficient storage area. There are no training classrooms. The building was sized for a smaller work force. Construction materials, that normally should be stored inside, are stored outside. The materials

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT D	2. DATE
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3. INSTALLAT	ON AND LOCATION	
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IA DO TO AND AI	TER BASE ENGINEER MAINTENANCE COMPLEX	PYKL919594

deteriorate. The facility does not represent a quality work and training place.

IMPACT IF NOT PROVIDED: The training and efficiency of engineering and services personnel is severely impacted. Very inefficient operation. Lost training opportunities. Poor supply discipline. Higher operating cost. Accept the risk for the health and safety and fire code violations.

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20 10 111			L	
12. SUPP	LEMEN	ITAL DATA:		
a. Est	imate	ed Design Data:		
(1)	Sta	tus:		•
	(a)	Date Design Started		93 MAY 20
		Percent Complete as of Jan 95		65%
	(c)	Date 35% Designed		94 AUG 01
	(d)	Date Design Complete		95 JUN 01
(2)	Bas			
	(a)	Standard or Definitive Design -		NO
	(p)	Where Design Was Most Recently Used -		N/A
(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):		(\$000
	(a)			44
		All Other Design Costs		18
		Total	٠.	62
	(d)	Contract		. 62
	(e)	In-house		
•	•			06 71111
(4)	Con	struction Start		96 JUN
(4)	Con	struction Start		96 JUN
(4)	Con	struction Start		96 JUN
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o. Equip	ment	associated with this project will be provi	.ded from	·
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3. INSTALLATION AN			TITLE ALTER SECURITY ATIONS FACILITY
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)
55296F	730-835	PYKL919592	\$1,100

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		9. COST	ESTIMATES	S					[
						UNIT	CC	OST	ſ
-		ITEM		U/M	QUANTITY	COST	(\$0	000)	L
	ADD TO AND ALTER SE	CURITY POLICE							ĺ
	OPERATIONS FACILITY			SF	6,620			646	ĺ
	ADD TO SECURITY P	OLICE		SF	5,300	105	(	557)	ĺ
	ALTER SECURITY PO	LICE		SF	1,200	60	(	72)	l
	TRAFFIC CHECK HOU	SE		SF	120	140	(	17)	l
	SUPPORTING FACILITI	ES			1	1		345	l
	UTILITIES			LS			(	100)	l
	PAVEMENTS/ROAD			LS			(	150)	l
	SITE IMPROVEMENTS	/FENCING		LS			(	70)	l
	PRE-WIRED WORK ST	ATIONS		LS			(_	<u>25</u> )	l
	SUBTOTAL							991	ĺ
	CONTINGENCY (5%)							50	l
	TOTAL CONTRACT COST						1	l,041	l
	SUPERVISION, INSPEC	TION AND OVERHEAD	(5%)					52	l
	TOTAL REQUEST	•					1	L,093	ĺ
	TOTAL REQUEST (ROUN	DED)		-		· · .	. 1	L,100	l
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- Description of Proposed Construction: Concrete block with exterior brick veneer to match existing building. Includes offices, restrooms, classrooms, mechanical room, all utilities, parking, site improvements, traffic check house, and security fence system. Alterations to Building 472 include rearranging and extending walls plus utilities. Air Conditioning: 15 Tons.
- REQUIREMENT: 6,620 SF ADEQUATE: O SUBSTANDARD: Add to and Alter Security Police Operations Facility (Current PROJECT: Mission).

REQUIREMENT: The base requires a centralized security police and weapons storage facility with adequate storage space for both operations near the main gate. Project includes offices, restrooms, arms vault, classroom, and CATM functions. A properly located traffic check gate house is required.

CURRENT SITUATION: The security police are operating from two dispersed locations, Building 400 and Building 504. In Building 400, which is the headquarters, the security police occupy 1,976 SF out of 21,955 SF. The space in the headquarters building is needed to consolidate headquarters type functions which now are scattered in various other buildings. Building 504 is only 1,200 SF and is grossly undersized. During the training periods, as well as the day to day operations, the cramped space and split locations lead to a loss of training. The existing gate house location causes traffic to back up onto the highway right-of-way when vehicles are stopped from coming onto the installation. It is a traffic hazard. Between the two buildings the security police occupy less than 50% of the minimum required space. This project is in accordance with the approved master development plan. Upon completion of this project, the

1. COMPONENT		2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT	DATA
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4. PROJECT TI	CLE	5. PROJECT NUMBER
ADD TO AND ALT	TER SECURITY POLICE OPERATIONS FACILITY	PYKL919592

following buildings will be demolished: 462 and 482 for a total of 2,126 SF.

IMPACT IF NOT PROVIDED: It will adversely affect the security police training program due to lack of training and storage area. Inadequate work place lowers unit morale and degrades training. Severe traffic hazard at the main gate continues.

		FY 1996 MILITARY CONSTRUCTION PROJECT DA (computer generated)	
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l2. SU	IPPLE	MENTAL DATA:	
a. E	Stim	ated Design Data:	
,	1)	Status:	
`	•	a) Date Design Started	92 NOV 05
		) Percent Complete as of Jan 95	100%
	(	c) Date 35% Designed	93 DEC 21
	(	d) Date Design Complete	94 FEB 15
(	(2)	Basis:	•
	(	a) Standard or Definitive Design -	NO
	(	o) Where Design Was Most Recently Used -	N/A
(	(3)	. Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	(	a) Production of Plans and Specifications	35
		o) All Other Design Costs	20
		c) Total	55
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	ateral Constru	action Approved				14 JAN (Dat	
		action Approved	None			(Dat	e)
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9. LAND ACCOME CATEGORY CODE 113-321 P. 113-321 R.	ateral Constru QUISITION REQU TS PLANNED IN PROJECT ARKING APRON A REFUELING SYSTEMOVATE TAXIMA	UIRED  NEXT FOUR YEARS  T TITLE  AND HYDRANT TEM AY	None S <u>SCOPE</u>	LS LS	COST (\$000) 6,900 1,500	(Dat	e)
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9. LAND ACC  10. PROJECT  CATEGORY  CODE  113-321 P.  113-321 R.  141-753 A.  171-450 A.  211-179 F.  214-425 V.	ateral Construction Requestration Requestration Requestration Representation Refueling Systems Refueling Systems Refueling Systems Refueling Systems Refueling Systems Refueling Refueling Reduction Refueling	JIRED  NEXT FOUR YEARS  TITLE  AND HYDRANT  TEM  AY  OPERATIONS  TRAINING AND  N FACILITY  CORROSION	None  SCOPE  26,000 14,800 27,800	LS LS SF SF	COST (\$000) 6,900 1,500 1,800 930 5,000	(Dat	e)
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9. LAND ACCOMENS OF THE PROJECT CATEGORY CODE 113-321 P. 113-321 P. 141-753 A. 171-450 A. 211-179 F. 214-425 V.	ateral Construction Requisition Requisition Requisition Requisition Requisition Reproducts and the Refueling System Refueling System Refueling System Reproduction Reproduction Reproduction Reproduction Reproduction Recurrent Reproduction Recurrent Reproduction Recurrent Reproduction Recurrent Reproduction Recurrent Reproduction Recurrent Reproduction Recurrent Reproduction Recurrent Reproduction Recurrent Reproduction Recurrent Recurrent Reproduction Recurrent R	JIRED  NEXT FOUR YEARS  TITLE  AND HYDRANT  TEM  AY  OPERATIONS  TRAINING AND  N FACILITY  CORROSION  ITY  E MAINTENANCE	None  SCOPE  26,000 14,800 27,800 19,600	LS LS SF SF SF	COST (\$000) 6,900 1,500 1,800 930 5,000 2,700	(Dat	e)
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1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
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3. INSTALLATION AND LOCATION KELLY AIR FORCE BASE, TEXAS

### 11. PERSONNEL STRENGTH AS OF 16 AUG 94

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	307	23	255	29	1,003	106	897
ACTUAL	285	23	240	22	1,014	107	907

### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
140	TH.C		50	49
149	FG			
182	OPS FT		3	4
182	FS		38	41
182	OSF		22	20
149	LG		16	15
149	MNT SQ		411	423
149	LOG SQ		107	107
149	SPTG		5	6
149	MSF		34	32
149	SPF		57	56
149	COMM		35	37
149	CES		110	117
149	SVF ·		34	. 37
149	TG		73	63
149	RANGE		8	7
		TOTALS	1,003	1,014

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	18
Support Equipment	138	138
Vehicle Equivalents	301	301

1. COMPONENT		2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	
ANG	(computer generated)	
3. INSTALLAT	TION AND LOCATION 4. PROJECT TITLE UPGRADE HEATING AND	COOLING
KELLY AIR FO	DRCE BASE TEXAS SYSTEMS	
5. PROGRAM E	ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJE	ECT COST(\$000)

9. COST ESTIMATES

MBPB939633

821-116

9. COST ESTIMATI	6.5		
		UNIT	COST
ITEM	U/M QUANTITY	COST	(\$000)
UPGRADE HEATING AND COOLING SYSTEMS	LS.		1,030
SUPPORTING FACILITIES			240
UTILITIES	LS		( 200)
PAVEMENTS	LS		( 30)
SITE IMPROVEMENTS	LS		(10)
SUBTOTAL			1,270
CONTINGENCY (5%)	1 1		64
TOTAL CONTRACT COST			1,334
SUPERVISION, INSPECTION AND OVERHEAD (5%)	1 1 '		67
TOTAL REQUEST			1,401
TOTAL REQUEST (ROUNDED)			1,400
	1		
			·

- 10. Description of Proposed Construction: Shutdown of the existing steam boilers and distribution system serving Buildings 935, 920, and 916 requires the installation of packaged heating and cooling systems. Also includes all utilities, pavements, site improvements, and support.
- 11. REQUIREMENT: As required.

55256F

PROJECT: Upgrade Heating and Cooling Systems (Current Mission)

REQUIREMENT: This is a Level I environmental compliance requirement. The base requires an energy efficient heating and cooling system which meets applicable clean air requirements mandated by the Clean Air Act Amendment of 1990.

CURRENT SITUATION: The central heat plant does not meet air quality emission standards. The oil fired boilers are antiquated and not energy efficient. Controls and monitoring systems are unreliable. Steam lines, plant piping, valves and stacks are corroded beyond tolerances. Sections of piping need frequent replacement. They often fail due to corrosion. Nondestructive testing of many sections of piping verified that the wall thickness below acceptable engineering tolerances. The chillers are over 20 years old and use refrigerant R 113 which is in con-compliance with the current law and is no longer manufactured. Kelly AFB is in an area that may be designated as non-attainment and reasonably available control technology will have to be implemented on existing sources.

IMPACT IF NOT PROVIDED: Possible failure of the heating and cooling system. Higher operating costs. Unable to meet local air quality standards. The Air National Guard could be fined and receive unfavorable publicity.

\$1,400

L. COMPO	TUBN	FY 1996 MILITARY CONSTRUCTION PROJECT D	2. DATE
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3. INSTA	LLATI	ON AND LOCATION	
•		CE BASE TEXAS	TE DOCTEON WINDS
PROJE	CT TI	TLE	5. PROJECT NUMBE
IPGRADE 1	НЕАТТ	NG AND COOLING SYSTEMS	MBPB939633
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l2. SUP	PLEME	NTAL DATA:	
a. Es	timat	ed Design Data:	
/1	\ <b>c</b> +	atus:	
(1	•	Date Design Started	93 OCT 2
		Percent Complete as of Jan 95	40
		Date 35% Designed	94 NOV 0
		Date Design Complete	95 APR 3
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(2	) Ba		
		Standard or Definitive Design -	NO
•	(b)	Where Design Was Most Recently Used -	N/A
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(5)		Production of Plans and Specifications	7:
		All Other Design Costs	2
	(c)		9
•	(d)	Contract	. 9
,	(e)	In-house	
	\	naturation Start	A
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		associated with this project will be provide	ded from
ther app	propr	iations: N/A	
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1. COMPONENT	FY 1996 GUARD	AND RESERVE		2. DATE	
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1	ON AND LOCATION N MILITARY RESERVATION,	, VIRGINIA		COST	CONSTR
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1 -	AND TYPE OF UTILIZATION				
_	assemblies per year,	_		ning per	
year, daily us	se by technician/AGR fo	orce and for train	ning.		
6 OTHER ACTIV	TE /CUADO /DECEDUE TACENT	TAMTONG STMITH 1	WILE DA	DTUG	
	/E/GUARD/RESERVE INSTAI Llations, 1 Army Instal				
	l 2 Army Reserve Facili		ictonat G	uaru	
		•			
7 PPO TROMO	OUECMED TH MUTC BROOM				
CATEGORY	QUESTED IN THIS PROGRA	M: FY 1996	COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL
		<del></del>	<u></u>		
214-425 VEHIC	LE MAINTENANCE COMPLEX	17,800 SF	2,000	DEC 92	JUN 94
	•				
1	and the second s				
8 STATE BESER	VE FORCES FACILITIES E	CARD PECOMMENDATI	ON		
it and the second secon	VE FORCES FACILITIES F		ON	7 .7111.	94
it and the second secon	EVE FORCES FACILITIES E		ON	7 JUL (Dat	
Unilater			ON	7 JUL (Dat	
Unilater  9. LAND ACQUIS	al Construction Approv	red None			e)
Unilater  9. LAND ACQUIS  10. PROJECTS P	al Construction Approx	red None	<u> </u>	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None CARS	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P	al Construction Approv	red None	<u> </u>	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None CARS	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None CARS	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None CARS	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None CARS	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None CARS	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None CARS	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None CARS	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None CARS	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None CARS	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None CARS	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY	Tal Construction Approv	None	(N	(Dat	e)

. COMPONENT			GUARD AND			2. DA	TE
ANG			ARY CONSTR	UCTION			
3. INSTALLATI CAMP PENDLETO			VATION, VI	RGINIA	e e		• • •
1. PERSONNEI	STRENG	TH AS OF	17 AUG 94				
		PER	MANENT		G	UARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN		OFFICER	ENLISTE
AUTHORIZED	29	3	26	0	220	11	209
ACTUAL	29	3	26	0	198	11	187
	203	RHCEF		220	_	198	
			TOTALS	220		198	
	·		TOTALS	220		198	
	·		TOTALS			198	
	·		TOTALS			198	

12	MA TOD	EOUIPMENT	AND	A TOCOA PT
13.	MAJUR	EOUIPMENT	AND	AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Mobility Equipment	76	54
Support Equipment	7	4
Vehicle Equivalents	230	166

1. COMPONENT	1	1996 MILIT	APV CC	MCTI	DIICTT()	I DROTECT	י האתא	2.	DATE	
ANG		•			enerate		DATA			
3. INSTALLAT	ON AND	LOCATION			4.	PROJECT	TITLE	•		
CAMP PENDLETO	ON VIRGI	NIA			VE	HICLE MAI	NTENANCI	COM	PLEX	
5. PROGRAM EI	LEMENT 6	. CATEGORY	CODE	7. 1	PROJECT	NUMBER	8. PRO	JECT (	COST (\$00	00)

214-425 ERVD889506

9. COST ESTIMATE	S			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
VEHICLE MAINTENANCE COMPLEX	SF	17,800		1,552
VEHICLE MAINTENANCE FACILITY	SF	7,200	110	( 792)
VEHICLE OPERATIONS PARKING SHED	SF	6,000	50	( 300)
CIVIL ENGINEERING HEAVY EQUIPMENT SHOP	SF	4,000	100	( 400)
TRAINING AREA	SF	600	100	( 60)
SUPPORTING FACILITIES				275
UTILITIES	LS	<i>'</i>		( 100)
SITE IMPROVEMENTS/PAVEMENT/FENCING	LS			( 150)
PRE-WIRED WORK STATIONS	LS			( 25)
SUBTOTAL				1,827
CONTINGENCY (5%)	i			91
TOTAL CONTRACT COST		ŧ		1,918
SUPERVISION, INSPECTION AND OVERHEAD (5%)	ı			96
TOTAL REQUEST				2,014
TOTAL REQUEST (ROUNDED)	] .			2,000
				-
		. •		

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Walls of masonry with a steel joist and metal pan roof covered with rigid insulation and built-up roofing. Provide overhead crane/hoist. Parking shed shall be covered, three sided pre-engineered metal building on reinforced concrete foundation and floor slab. Provide utilities, pavements, fire protection, and support.
Air Conditioning: 10 Tons.

ATT CONDITIONING: 10 TORS.

55296F

11. REQUIREMENT: 17,800 SF ADEQUATE: 0 SUBSTANDARD: 15,638 SF PROJECT: Vehicle Maintenance Complex (Current Mission).

REQUIREMENT: Adequately sized and properly configured facilities are required for operational and training purposes to repair, maintain, and park organizational vehicles which include cars, trucks, and a variety of construction vehicles to completely beddown the assigned Rapid Engineering Deployment Heavy Operating Equipment Engineer (RED HORSE) squadron. RED HORSE construction squadron has world wide mobility status on very short notice. The vehicles require maintenance bays for mechanical work, washrack for cleaning, fuel fill stands, parts/tool storage, paint booth, battery shop, and cover for heavy equipment and fleet vehicles. and administrative space for full-time and part-time personnel. shed is required to protect unit resources from the weathering effect. CURRENT SITUATION: The vehicle maintenance, training, and administrative operations are housed in scattered World War II temporary facilities excessed by the Army National Guard. These facilities are undersized poorly configured and remote from the RED HORSE squadron training area. Adequate space is not available for training of personnel or for proper maintenance of vehicles. The building is energy inefficient. The utility systems are undersized, old and deteriorated. The latrines are not

\$2,000

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION	2. DATE PROJECT DATA
ANG	(computer generate	ed)
3. INSTALLATION	N AND LOCATION VIRGINIA	
4. PROJECT TIT	LE	5. PROJECT NUMBER
VEHICLE MAINTE	NANCE COMPLEX	ERVD889506

configured for the number of occupants or for the male/female ratio. Electrical and mechanical systems are not economical to repair due to age and lack of spare parts. The facilities do not represent a quality work and training place. This is the last project of a phased program to provide adequate facilities for this unit.

IMPACT IF NOT PROVIDED: Inability to properly train for the world wide commitment. Mission accomplishment, combat readiness, personnel recruiting and retention are degraded. Energy use continues to be excessive. Safety and environmental concerns continue to disrupt the work place.

<u>ADDITIONAL</u>: The existing vehicle maintenance facility (Building 428 at 4,450 SF) shall be returned to the Army National Guard for their use or disposal. Buildings 417 (5,460 SF), 418 (3,328 SF), and 424 (2,400 SF) for 11,188 SF will be demolished. Demolition costs will be minimal as the local fire departments will burn the facilities in controlled training exercises.

ANG	MPONI	FY 1996 MILI	TARY CONSTRUCTION PRO	OJECT DATA	2. DATE
	STALI	TION AND LOCATION	Jompader generadea,		
		TON VIRGINIA			
. PR	OJEC	TITLE		5. PI	ROJECT NUMBER
EHIC	LE M	NTENANCE COMPLEX		E	RVD889506
.2.	SUPPI	MENTAL DATA:			
a.	Est	nated Design Data:			
	(1)	Status:			
	• •	a) Date Design St	arted		92 DEC 21
		b) Percent Complet			100%
		c) Date 35% Design			93 NOV 08
		d) Date Design Con	mplete		94 JUN 01
	(2)	Basis:			
	(2)	a) Standard or De	finitive Design -	•	NO
		. •	as Most Recently Used	d <b>-</b>	N/A
		.,			,
	(3)	Total Cost (c) = (	a) + (b) or (d) + (e)	):	(\$000
		a) Production of	Plans and Specificati	ions	88
		b) All Other Design	gn Costs		44
		c) Total			132
:		d) Contract	•		132
:		e) In-house	•	•	•
	(4)	Construction Start			96 APR
		ent associated with	this project will be	e provided fro	om ,
		•			
		•			
		•			

1. COMPONENT	FY 1996 GUARD AN			2. DATE	
ANG	MILITARY CONST	RUCTION		4 2002	CONCER
3. INSTALLATION		•		4. AREA	
RICHMOND IAP (F	BYRD FIELD), VIRGINIA				INDEX
				0.	86
	ND TYPE OF UTILIZATION				
	assemblies per year, 15			ning per	
year, daily use	e by technician/AGR forc	e and for train	ing.		
		MIONG NITHIIIN 15	WITE DA	THE	
	E/GUARD/RESERVE INSTALLA				1
7 Army National	l Guard, 3 Army Reserve,	I Marine Corps	1 Defense	, I Nava	1
	itary Entrance Processin	g Station, and	1 beleuse	e Genera	1
Supply Center.					
7. PROJECTS REC	QUESTED IN THIS PROGRAM:	FY 1996			
CATEGORY	E		COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL
			<u> </u>	<del></del>	
211-152 ADD TO	O AND ALTER F-16 AIRCRAF	T 23,100 SF	2,700	JAN 92	FEB 95
	TENANCE COMPLEX	•	•		
•		•			
		•			
				; -	
			·.		-
8. STATE RESERV	VE FORCES FACILITIES BOA	RD RECOMMENDATI		· · · · · · · · · · · · · · · · · · ·	
	VE FORCES FACILITIES BOA al Construction Approved	•		7 JUL	94
Unilatera	al Construction Approved	•		•	<del></del>
	al Construction Approved	•	ON	7 JUL (Dat	e)
Unilatera 9. LAND ACQUIS	al Construction Approved	None	ON	7 JUL	e)
Unilatera 9. LAND ACQUIS	al Construction Approved	None	ON	7 JUL (Dat	e)
Unilatera 9. LAND ACQUIS	al Construction Approved	None	COST	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROJECT	al Construction Approved	None	ON	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PICATEGORY	al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEAR	None S SCOPE	COST (\$000)	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTEGORY  CODE	al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEAR	None	COST	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIS  10. PROJECTS PICATEGORY CODE  214-425 VEHICI	al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTECTS PROTECTS  CODE  214-425 VEHICRA 442-758 BASE S	al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEAR PROJECT TITLE LE MAINTENANCE COMPLEX	None SCOPE 14,300 SF	COST (\$000)	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROJECTS PROJECTS  CODE  214-425 VEHICRA 442-758 BASE S	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  LE MAINTENANCE COMPLEX SUPPLY COMPLEX	None  SCOPE  14,300 SF 32,400 SF	COST (\$000) 1,550 4,900	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTECTS PROTECTS  CODE  214-425 VEHICRA 442-758 BASE S	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  LE MAINTENANCE COMPLEX SUPPLY COMPLEX	None  SCOPE  14,300 SF 32,400 SF	COST (\$000) 1,550 4,900	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTECTS PROTECTS  CODE  214-425 VEHICRA 442-758 BASE S	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  LE MAINTENANCE COMPLEX SUPPLY COMPLEX	None  SCOPE  14,300 SF 32,400 SF	COST (\$000) 1,550 4,900	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTECTS PROTECTS  CODE  214-425 VEHICRA 442-758 BASE S	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  LE MAINTENANCE COMPLEX SUPPLY COMPLEX	None  SCOPE  14,300 SF 32,400 SF	COST (\$000) 1,550 4,900	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTECTS PRODE  CODE  214-425 VEHICR 442-758 BASE S	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  LE MAINTENANCE COMPLEX SUPPLY COMPLEX	None  SCOPE  14,300 SF 32,400 SF	COST (\$000) 1,550 4,900	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTECTS PRODE  CODE  214-425 VEHICR 442-758 BASE S	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  LE MAINTENANCE COMPLEX SUPPLY COMPLEX	None  SCOPE  14,300 SF 32,400 SF	COST (\$000) 1,550 4,900	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTECTS PRODE  CODE  214-425 VEHICR 442-758 BASE S	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  LE MAINTENANCE COMPLEX SUPPLY COMPLEX	None  SCOPE  14,300 SF 32,400 SF	COST (\$000) 1,550 4,900	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTECTS PRODE  CODE  214-425 VEHICR 442-758 BASE S	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  LE MAINTENANCE COMPLEX SUPPLY COMPLEX	None  SCOPE  14,300 SF 32,400 SF	COST (\$000) 1,550 4,900	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTECTS PROTECTS  CODE  214-425 VEHICRA 442-758 BASE S	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  LE MAINTENANCE COMPLEX SUPPLY COMPLEX	None  SCOPE  14,300 SF 32,400 SF	COST (\$000) 1,550 4,900	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROJECTS PROJECTS  CODE  214-425 VEHICRA 442-758 BASE S	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  LE MAINTENANCE COMPLEX SUPPLY COMPLEX	None  SCOPE  14,300 SF 32,400 SF	COST (\$000) 1,550 4,900	7 JUL (Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROJECTS PROJECTS  CODE  214-425 VEHICRA 442-758 BASE S	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  LE MAINTENANCE COMPLEX SUPPLY COMPLEX	None  SCOPE  14,300 SF 32,400 SF	COST (\$000) 1,550 4,900	7 JUL (Dat	e)

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	ON AND LOCATION	

3. INSTALLATION AND LOCATION RICHMOND IAP (BYRD FIELD), VIRGINIA

# 11. PERSONNEL STRENGTH AS OF 9 AUG 94

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	312	11	59	242	1,126	140	986
ACTUAL	298	11	59	228	1,092	141	951

## 12. RESERVE UNIT DATA

			STRE	NGTH
UNIT DES	SIGNATIO	<u>N</u> .	AUTHORIZED	ACTUAL
192	FG		53	42
192	SPS		57	59
192	OSF		25	25
192	MNT SQ		447	439
192	MSF		34	33
192	MED SQ		73	62
192	COM FT		40	36
192	CES		140	114
192	SVS FT		36	27
192	LOG GP		16	. 15
8192	STU FT		0	35
200	WEA FT		25.	21
HQ	VA ANG		23	26
149	OPS SQ	•	42	47
192	OPS GP	•	. 3	3
192	LOG		107	103
192	SPT GP		5	5
•		TOTALS	1,126	1,092

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	25
Support Equipment	395	365
Vehicle Equivalents	224	328

1. COMPONENT									2.	DATE
	FY	1996 MIL					JECT	DATA		
ANG			(compute	er gener				:		
3. INSTALLATION					ADD	то	ECT T AND A IANCE	LTER	F-16 A	IRCRAFT
RICHMOND IAP (	BYRD :	FIELD) VI	RGINIA							
5. PROGRAM ELEM	MENT	6. CATEGO	RY CODE	7. PRO	JECT	NUM	BER	8. P	ROJECT	COST(\$000)
55296F		211-1	52	CVV	м0009	42				\$2,700
33230F		444		r ESTIM	ATES					
			3. COS	I BOTIN					UNIT .	COST
					,,	/14	חלות אולם	ᄀ퓨ᆇᆝ	COST	(\$000)

9. COST ESTIMATES	>			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
ADD TO AND ALTER MAINTENANCE COMPLEX	SF .	23,100		1,198
ADD TO GENERAL PURPOSE SHOPS	SF	2,900	95	( 276)
ALTER GENERAL PURPOSE SHOPS	SF	15,700	42	( 659)
ALTER NON-DESTRUCTIVE INSPECTION SHOP	SF	500	86	( 43)
ALTER ORGANIZATIONAL/DCM COMPLEX	SF	4,000	55	( 220)
SUPPORTING FACILITIES				1,260
UTILITIES	LS			( 450
REPLACE ROOF/REMOVE ASBESTOS	LS			( 200
REPLACE WINDOWS/SIDING/HANGAR DOORS	LS			( 410
PRE-WIRED WORK STATIONS	LS			(200
SUBTOTAL				2,458
CONTINGENCY (5%)				123
TOTAL CONTRACT COST				2,581
SUPERVISION, INSPECTION AND OVERHEAD (5%)				129
TOTAL REQUEST	l			2,710
TOTAL REQUEST (ROUNDED)			, '	2,700
	1			
				<u> </u>

10. Description of Proposed Construction: Addition: Reinforced concrete foundation and floor slab, masonry walls and built up roof. Alteration: Rearrange interior walls, extend utilities. Replace roof, siding, windows and hangar doors. Upgrade interior and exterior electrical service. Provide fire protection, utility connections, site improvements and paving. Remove asbestos.

Air Conditioning: 60 Tons.

11. REQUIREMENT: 33,100 SF ADEQUATE: 10,000 SF SUBSTANDARD: 20,200 SF PROJECT: Add to and Alter F-16 Aircraft Maintenance Complex (New Mission).

REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft. Adequate facilities are necessary to support the aircraft maintenance functions associated with the F-16 aircraft. This includes the aircraft's general purpose shops, organizational maintenance shop, control, planning, scheduling, documentation, material control, quality control, records, and administration functions that tie the maintenance organization together. The utilities, HVAC, building envelope, and fire protection systems need to be upgraded to meet current safety and environmental criteria.

CURRENT SITUATION: The base has insufficient shop space to support the F-16 aircraft. The general purpose maintenance shops occupy a structurally sound building that has not been significantly upgraded from its originally designed purpose of maintaining Korean War vintage aircraft. There are numerous health and safety violations. The electrical system is undersized and cannot support the new equipment load. The shop space is approximately 50% of the minimum required. The shops are configured for A 7 aircraft which is no longer in the inventory. The

1. COMPONENT		2. DATE
ANG	FY 1996 MILITARY CONSTRUCTION PROJECT (computer generated)	DATA
	ON AND LOCATION  BYRD FIELD) VIRGINIA	
4. PROJECT TI		5. PROJECT NUMBER
ADD TO AND ALT	TER F-16 AIRCRAFT MAINTENANCE COMPLEX	CVVM000942

F-16 shops are considerable different than the A-7. This project will add and upgrade the shop spaces so that the unit is able to safely and efficiently support the F-16 aircraft. The siding is asbestos. The single pane windows are energy inefficient and the roof leaks. The electric service that feeds the hangar is old and cannot be upgraded to meet the expanded needs of the new equipment. The heating system is also antiquated and needs to be reconfigured for the new shop layout. hangar doors do not work properly. They are a constant source of maintenance and safety related problems. The hangar and shops are not a quality work and trainingplace. This project has been assigned a Risk Assessment Code (RAC) of 3 by the authority having jurisdiction. IMPACT IF NOT PROVIDED: Crowded and unsafe conditions. The potential remains high for a safety and/or environmental accident to occur. Lost, inefficient and degraded training. Unit is unable to reach full operational capability. Energy continues to be lost through an inefficient building envelope.

<u>ADDITIONAL</u>: A life cycle cost analysis has been performed comparing all reasonable options for accomplishing this project. The analysis indicates that an addition to and renovation of the existing is the most economical alternative.

	ENT	FY 1996 MILITARY CONSTRUCTION PROJECT I		2. DATE
NG		(computer generated)	DATA	
	LATIC	N AND LOCATION		<u> </u>
		BYRD FIELD) VIRGINIA	. ,	
. PROJEC	T TIT	LE	5. PF	ROJECT NUMBER
		ann a 16 a than an Watherlands Country		mm(0000 40
DD TO AN	D ALT	ER F-16 AIRCRAFT MAINTENANCE COMPLEX		VM000942
2. SUPP	LEMEN	ITAL DATA:		
a. Est	imate	ed Design Data:		
(1)	Sta	itus:		
, ,	(a)	Date Design Started		92 JAN 29
		Percent Complete as of Jan 95		95%
		Date 35% Designed		94 AUG 01
	(d)	Date Design Complete		95 FEB 01
(2)	Bas	sis:	•	
	(a)	Standard or Definitive Design -		NO
•	(p)	Where Design Was Most Recently Used -		N/A
(3)	Tot	cal Cost (c) = (a) + (b) or (d) + (e):		(\$000
(-,		Production of Plans and Specifications		135
		All Other Design Costs		54
	(c)			189
	(d)	Contract		189
	(e)	In-house	·	
(4)	<b>0</b>	nstruction Start		96 JUL
(4)	COI	istruction start		30 001
		•		
		associated with this project will be proviations: N/A	ided fro	⊃m
٠				
		•		

	FY 1996 GUARD AND	DECEDUE	***************************************	2. DATE	
1. COMPONENT ANG	MILITARY CONSTR				
3. INSTALLATION TRUAX FIELD, WI	· · · · · · · · · · · · · · · · · · ·		-	4. AREA COST	INDEX
Twelve monthly	ID TYPE OF UTILIZATION assemblies per year, 15 e by technician/AGR force			ing per	
	E/GUARD/RESERVE INSTALLAT Guard Center, 2 Army Re				rve
7. PROJECTS REÇ	QUESTED IN THIS PROGRAM:	FY 1996	COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL
216-642 ALTER	MUNITIONS FACILITIES	14,000 SF	670	JUL 92	SEP 9
-	·				
			<i>;</i> "		
	VE FORCES FACILITIES BOAR al Construction Approved	D RECOMMENDATI	ON	19 MAY	
Unilatera	al Construction Approved	D RECOMMENDATI		(Dat	e)
Unilatera 9. LAND ACQUIS	Al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS	None	COST		e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PICATEGORY  CODE	al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	None SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PICATEGORY  CODE	Al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS	None SCOPE	COST	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTEGORY  CODE	al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	None SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTEGORY  CODE	al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	None SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PROTEGORY  CODE	al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS PROJECT TITLE	None SCOPE	COST (\$000)	(Dat	e)

		The second secon		
-	1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE	
	ANG	MILITARY CONSTRUCTION		

3. INSTALLATION AND LOCATION TRUAX FIELD, WISCONSIN

### 11. PERSONNEL STRENGTH AS OF 17 JUL 94

	PERMANENT				GUARD/RES	ERVE	
=	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	390	27	296	67	1,077	122	955
ACTUAL	342	27	250	65	1,007	119	888

## 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
115	SER FT		30	27
115	OPS GP		3	1
115	LG		16	16
115	SG		5	5
115	OSF		25	27
128	FW		50	43
176	FS		42	45
115	MSF		34	30
115	MEDS		66	67
. 115	CES		. 134	125
115	CF		42	38
115	MS		434	398
115	LS		107	101
115	SPS		57	- 51
HQ	WIANG		32	33
		TOTALS	1,077	1,007

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	21
C-26 Aircraft	1	1
Support Equipment	127	122
Vehicle Equivalents	332	345.

1. COMPONENT	FY	1996 MILI	TARY CO	ONSTRUC'	TION PROJECT	DATA	2. DATE
ANG	_	(+	compute	er gener	rated)		
3. INSTALLATI	ON AND	LOCATION			4. PROJECT	TITLE	
TRUAX FIELD W	VISCONS	IN			ALTER MUNIT	IONS FACI	LITIES
5. PROGRAM EI	LEMENT	6. CATEGOR	Y CODE	7. PRO	JECT NUMBER	8. PROJE	CT COST(\$000)

VCEC000726

55296F	216-642	XGFG899	9736			\$670
	9. COST	ESTIMATES	S			
					UNIT	COST
•	ITEM		ש/ט	QUANTITY	COST	(\$000)
ALTER MUNITIONS FAC	CILITIES		SF	14,000		536
ALTER MUNITIONS	<b>SHOP</b>		SF	10,800	36	( 389)
ALTER MAGAZINE ST	TORAGE		SF	3,200	46	( 147)
SUPPORTING FACILITY	IES					75
UTILITIES			LS			( 25)
PAVEMENTS			LS			( 40)
SITE IMPROVEMENTS	5		LS			( <u>10</u> )
SUBTOTAL						611
CONTINGENCY (5%)		•				31
TOTAL CONTRACT COST	r					642
SUPERVISION, INSPEC	CTION AND OVERHEAD	(5%)				32
TOTAL REQUEST						674
TOTAL REQUEST (ROU	NDED)					670
			İ	•		
					,	•

- 10. Description of Proposed Construction: Change the interior and exterior configuration of the building. Reslope the roof line. Modify and extend the interior and exterior utility and fire protection system. Construct RAMS Pad. All utilities, site improvements and support.
- 11. REQUIREMENT: 14,000 SF ADEQUATE: 0 SUBSTANDARD: 14,000 SF PROJECT: Alter Munitions Facilities (Current Mission).

REQUIREMENT: The base requires a facility for the training and safe handling of munitions. Functional areas include: maintenance bays, equipment storage, tool room, locker rooms, classrooms, administrative areas, and secure munitions storage.

CURRENT SITUATION: The munitions shop is located in Building 1212 which is a 1954 vintage rocket check-out and assembly building constructed of 12 inch thick reinforced concrete walls. The building was not configured for modern munitions. The building is poorly configured and has many violations of safety practices for maintenance and servicing of missile and munitions systems. The F-16 munitions are considerably different than previous munitions. The shop space needs to be reconfigured for safe handling of and training on munitions. Some shops are too small and others are too large. A pad for the rapid assembly of munitions does not exist. The electrical system is not in accordance with the National Electric Code.

IMPACT IF NOT PROVIDED: Training and maintenance is difficult under the crowded, unsafe conditions. Lack of adequate areas directly impacts unit capability to support the F-16 and could result in a serious munitions accident. Unable to reach full operational capability.

\$670

L. COMPONEN'			2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT D	DATA	
ANG	(computer generated)		
. INSTALLA	TION AND LOCATION		
RUAX FIELD	WISCONSIN		
PROJECT	TITLE	5. PR	OJECT NUMBER
אדווודי מסחו	ONS FACILITIES	XC	FG899736
ALIER MUNII	ONS PACIBILIES		10033730
12. SUPPLE	ENTAL DATA:		
.z. Surrie	ENIAL DAIA.		•
a. Estim	ted Design Data:		
20 20 42			
. (1)	itatus:		
(	n) Date Design Started		92 JUL 07
(	) Percent Complete as of Jan 95		100%
(	e) Date 35% Designed		93 NOV 29
(	l) Date Design Complete		94 SEP 15
(2)	Basis:		
(	) Standard or Definitive Design -		NO
(	o) Where Design Was Most Recently Used -		N/A
(3).	Cotal Cost (c) = (a) + (b) or (d) + (e):		(\$000
• •	) Production of Plans and Specifications		32
	) All Other Design Costs		21
•	c) Total		53
(	;) Total		
()	l) Contract		53
() ()			53

b. Equipment associated with this project will be provided from other appropriations: N/A

FY 1996 GUARD AND RESERVE	2. DATE
MILITARY CONSTRUCTION	
ON AND LOCATION	4. AREA CONSTR
AP, PUERTO RICO	COST INDEX
,	1.25

#### 5. FREQUENCY AND TYPE OF UTILIZATION

Four Unit Training Assemblies per month, 15 days annual field training per year, daily use by technician/AGR force, and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air National Guard Unit, 1 Active Army Unit, 8 Army National Guard Units, 3 Army Reserve Units and 2 Naval Units.

1
US
<u>L</u>
95
95
94
R

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION 23 SEP 93 Unilateral Construction Approved (Date)

9. LAND ACQUISITION REQUIRE	RED None	_		
			Number of	Acres)
10. PROJECTS PLANNED IN NI	EXT FOUR YEARS	COCM		
CATEGORY		COST		i
CODE PROJECT	<u>SCOPE</u>	<u>(\$000)</u>	-	
214-467 REFUELING VEHICLE PAINT BAY	E SHOP AND 2,700	SF 460	)	
722-351 DİNING HALL AND I TRAINING FACILI	·	SF 4,400		
730-142 FIRE STATION	10,600	SF 1,900	)	

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	N AND LOCATION	
PUERTO RICO IA	P, PUERTO RÍCO	

11. PERSONNEL STRENGTH AS OF 22 JUL 94

		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	402	37	322	43	1,088	115	973
ACTUAL	306	19	244	43	1,015	104	911

				STREN	GTH
	UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
				40	4.4
	156	FG		49	44
	156	FGDET1		9	7
	156	OG		3	3
	156	OSF		25	19
	198	FS		42	42
	156	SPTG		5 ·	4
	156	MSF		34	33
	156	LG		16	13
	156	MS		447	438
	156	LS		107	96
	156	MOS		73	71
	156	MOS OL		3	3
	156	CES		134	114
	156	SPS		57	61
•	156	CF		50	34
	156	SVF		34	33
			TOTALS	1,088	1,015

AUTHORIZED	TYPE
1	C-26 Aircraft
15	F-16 Aircraft
110	Support Equipment
73	Vehicle Equivalents
	Support Equipment Vehicle Equivalents
	1 15 110

1. COMPONENT	2. DATE				
	FY 1996 MILITARY CONSTRUCTION PROJECT DATA				
ANG	(computer generated)				
3. INSTALLAT	. INSTALLATION AND LOCATION 4. PROJECT TITLE				
PUERTO RICO	INTERNATIONAL AIRPORT MUNITIONS MAINTENANCE AND				
PUERTO RICO	UERTO RICO STORAGE COMPLEX				
5. PROGRAM EI	EMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)				

52620F 216-642 TUMR899533 \$3,800

9. COST ESTIMATES					
			UNIT	COST	
ITEM	U/M	QUANTITY	COST	(\$000)	
MUNITIONS MAINTENANCE/STORAGE COMPLEX	SF	17,900		2,394	
MUNITIONS MAINTENANCE	SF	12,100	135	( 1,634)	
STORAGE IGLOOS	SF	3,600	150	( 540)	
SEGREGATED MAGAZINE	SF	2,200	100	( 220)	
SUPPORTING FACILITIES				1,000	
UTILITIES	LS	·		( 100)	
PAVEMENTS	LS			( 100)	
SITE IMPROVEMENTS	LS			( 50)	
SECURITY IMPROVEMENTS	LS			( <u>750</u> )	
SUBTOTAL			-	3,394	
CONTINGENCY (5%)	1			<u> 170</u>	
TOTAL CONTRACT COST				3,564	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				232	
TOTAL REQUEST	1	· .		3,796	
TOTAL REQUEST (ROUNDED)				3,800	
	1	1			

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry and reinforced concrete walls, and built-up roof. Metal building with concrete floor for storage. Earth covered igloos. All utilities, security measures and necessary support. Air Conditioning: 5 Tons.

REQUIREMENT: 17,900 SF ADEQUATE: 0 SUBSTANDARD: 4,002 SF PROJECT: Munitions Maintenance and Storage Complex (New Mission). REQUIREMENT: This project supports the conversion from A-7 to F-16 The base requires properly sited and configured facilities for the storage of training and live munitions and missiles. Also facilities to house administrative and maintenance personnel performing day to day munitions disassembly, inspection, cleaning, and repair are required. Functional areas include administration, training, and storage. CURRENT SITUATION: The munitions maintenance and storage complex does not satisfy the safety and quantity distance (Q-D) or the munitions storage requirements for the F-16 weapons systems. Numerous safety Q-D waivers are necessary to operate in the facility. The building is grossly undersized and cannot be expanded or modified in this location. The safety zone extends outside the ANG property and impacts the airport and other recreational areas. Storage of the munitions is done, on an interim basis, at Camp Santiago, which is located over an hour away (50 miles). This is operationally unacceptable. The Army National Guard needs these igloos back and has asked for their return. Training and live missile storage is severely curtailed. It requires traveling to Camp Santiago on a daily basis. Upon completion of this project, Building 7 at 4,002 SF will be demolished. IMPACT IF NOT PROVIDED: The munitions maintenance and storage complex

1. COMPONENT		2. DATE
ANG	FY 1996 MILITARY CONSTRUCTION PROJECTION (computer generated)	ECT DATA
	N AND LOCATION TERNATIONAL AIRPORT PUERTO RICO	
4. PROJECT TIT	LE	5. PROJECT NUMBER
MUNITIONS MAIN	TENANCE AND STORAGE COMPLEX	TUMR899533

cannot safely and efficiently support the F-16 aircraft weapons systems. The inspection, repair, maintenance, and storage of munitions and associated training is severely impaired, resulting in significant degradation of the mission. The unit is unable to return the storage igloos to the Army National Guard. The unit cannot reach full operational capability. Substantial loss of training opportunities.

ADDITIONAL: An exception to the economic analysis requirement has been prepared for this project. The paper presents the rationale for only one alternative, which is to build a new facility due to safety and security criteria.

. CO	MPONE		2. DATE
		FY 1996 MILITARY CONSTRUCTION PROJECT D	ATA
NG		(computer generated)	
. INS	STALI	ATION AND LOCATION	
		O INTERNATIONAL AIRPORT PUERTO RICO	
. PRO	OJECT	TITLE	5. PROJECT NUMBE
UNIT:	IONS	MAINTENANCE AND STORAGE COMPLEX	TUMR899533
_			
2. :	SUPPI	EMENTAL DATA:	
a.	Esti	mated Design Data:	
	(1)	Status:	
		(a) Date Design Started `	91 FEB 0
		(b) Percent Complete as of Jan 95	40
		(c) Date 35% Designed	94 OCT 1
		(d) Date Design Complete	95 APR 1
	(2)	Basis:	
	(-,	(a) Standard or Definitive Design -	NO
		(b) Where Design Was Most Recently Used -	N/A
	(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$00
	(-,	(a) Production of Plans and Specifications	` 12
		(b) All Other Design Costs	4
		(c) Total	16
			16
		<pre>(d) Contract (e) In-house</pre>	
		and the second second	96 JU
	(4)	Construction Start	96 00
). E	guipr	ment associated with this project will be provi	ded from
		copriations: N/A	
•			
		•	

1. COMPONENT		COMPLICATION DROTTECH DAMA	2. DATE
	FY 1996 MILITARY CON	STRUCTION PROJECT DATA	
ANG	(computer	generated)	
3. INSTALLATIO	N AND LOCATION	4. PROJECT TITLE ADD TO AND ALTER CO	OMPOSITE
PUERTO RICO IA	P PUERTO RICO	SUPPORT FACILITY	
5. PROGRAM ELE	MENT 6. CATEGORY CODE 7	. PROJECT NUMBER 8. PROJ	JECT COST(\$000)

55296F 610-287 TUMR909776 \$510

9.	COST	ESTIMATES

			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
ADD TO AND ALTER COMPOSITE SUPPORT FAC	SF	11,800		406
ALTER HEADQUARTERS	SF	2,700	25	( 68)
ALTER GROUP HEADQUARTERS	SF	4,100	25	( 103)
ALTER DISASTER PREPAREDNESS TRAINING	SF	3,000	25	( 75)
ADD DISASTER PREPAREDNESS STORAGE	SF	1,000	60	( 60)
ADD PHYSICAL FITNESS CENTER	SF	1,000	100	( 100)
SUPPORTING FACILITIES	1			50
PRE-WIRED WORK STATIONS	LS			( <u>50</u> )
SUBTOTAL				456
CONTINGENCY (5%)				23
TOTAL CONTRACT COST				479
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				31
TOTAL REQUEST	İ			510
TOTAL REQUEST (ROUNDED)				510
,				
•		·		,

10. Description of Proposed Construction: Alterations: Remove, replace, relocate interior walls; upgrade existing central air conditioning system; upgrade mechanical and electrical systems; upgrade utility systems and fire protection; and provide pre-wired work stations. New construction to match existing pre-engineered type building.

Air Conditioning: 60 Tons.

11. REQUIREMENT: 11,800 SF ADEQUATE: 0 SUBSTANDARD: 9,800 SF PROJECT: Add to and Alter Composite Support Facility (Current Mission). REQUIREMENT: An adequately sized and properly configured composite facility for the State Headquarters staff, the Group Commander and his staff, and the Disaster Preparedness training section. A storage area is also required for Disaster Preparedness and the base needs a Physical Fitness Center.

CURRENT SITUATION: Building 22, the current Squadron Operations facility, requires interior reconfiguration since some rooms are too small while others are too large to meet the needs of the new functions. Disaster Preparedness is squeezed into a 731 SF classroom, has no secure storage area, and is short 2,269 SF. State Headquarters occupies 910 SF in a facility that has to be returned to the city in FY96 and is 1,790 SF short. Group Headquarters is spread over six buildings, lacks adequate training classrooms, briefing areas, office space and is short 4,880 SF. The base currently has no physical fitness area where a small number of aerobics equipment can be placed. The utilities in this area provide marginal service at best and are constantly breaking down. The latrines areas are antiquated and not properly configued for the number of male and female using the facility. The facility does not represent a quality work and training place.

-	1. COMPONENT  FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
	ANG (computer generated)	
	3. INSTALLATION AND LOCATION PUERTO RICO IAP PUERTO RICO	
-	4. PROJECT TITLE 5.	PROJECT NUMBER
	ADD TO AND ALTER COMPOSITE SUPPORT FACILITY	TUMR909776

IMPACT IF NOT PROVIDED: "The various base functions would remain in severely crowded space which negatively affects training and readiness. The Air National Guard would not be able to return a building to the city in FY96. The utilities in these areas cause unscheduled outages and compromising safety. All of these factors affect the performance of the base, lower mission capability, affect morale, decrease retention rate and compromise safety.

	MPONE	TI	FY 1996 MILI	TARY CONSTRUC	CTION PROJECT DA		2. D	ATE
NG.				computer gene				
. INS	STALI	ATIO	N AND LOCATION					•
****			P PUERTO RICO			1		
. PRO	OJECI	r TIT	LE			5. PRO	JECT	NUMBER
DD TO	INA C	) ALT	ER COMPOSITE SU	PPORT FACILIT	ry Y	TUM	R909	776
2. 8	SUPPI	EMEN	TAL DATA:					
a.	Esti	imate	d Design Data:					•
	(1)	Sta	tus:				•	
		(a)	Date Design St	arted			91	OCT 18
			Percent Comple		95			95%
			Date 35% Desig					JAN 15
		(d)	Date Design Co	mplete			95	FEB 15
	(2)			, , , , , , , , , , , , , , , , , , ,				•
			Standard or De					
-		(b)	Where Design W	as Most Recen	ntly Used -			
	(3)		al Cost (c) = (					(\$000
		(a)	Production of		ecifications			18
		(b)		gn Costs				11
			Total					29
•			Contract		•			29
		(e)	In-house					
	(4)	Con	struction Start		·	•		96 MAY
				this project	will be provid	ed from	l	
			associated with ations: N/A	this project	will be provid	ed from	l	
				this project	will be provid	ed from	ı	
				this project	will be provid	ed from	ı	
				this project	will be provid	ed from		
				this project	z will be provid	ed from		
				this project	z will be provid	ed from		
				this project	will be provid	ed from		
				this project	will be provid	ed from		
				this project	will be provid	ed from		

1. COMPONENT				-					2.	DATE
	F	Y 1996 MILITARY C				DJECT	DATA	4		
ANG		(comput	er gene:	rate	d)				L	
3. INSTALLATI	ON ANI	D LOCATION		4.	PROJ	JECT :	TITLE	E		
PUERTO RICO INTERNATIONAL AIRPORT										
PUERTO RICO				UPG	RADI	SEC	JRITY	SYS	rem	
5. PROGRAM EI	LEMENT	6. CATEGORY CODE	7. PRO	JECT	NUN	MBER	8. E	PROJEC	CT C	COST(\$000)
52620F	872-841 TUMR92				918				ς	1,350
		9. cos	T ESTIM	ATES	3					
								UNI	r	COST
		ITEM			U/M	QUAN'	TITY	COST	r	(\$000)
UPGRADE SECU	RITY S	YSTEM			LS				·	1,220
SUBTOTAL										1,220
CONTINGENCY	(5%)									61
TOTAL CONTRAC	•	T ·								1,281
SUPERVISION,	INSPE	CTION AND OVERHEA	D (6.5%	)						83
TOTAL REQUES!		,								1,364
TOTAL REQUEST	TOTAL REQUEST (ROUNDED)									1,350
_	•	•		i		-				
		•		1						
				·						
1						i .		i		ı

- 10. Description of Proposed Construction: Provide and install modern, state-of-the-art security system including all equipment and controls.
- REQUIREMENT: As required.

PROJECT: Upgrade Security System (New Mission).

REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft. The base requires a complete and modern security system to protect the F-16's parked on the apron.

CURRENT SITUATION: In 1981 the base was attacked by terrorists and nine A-7 aircraft were destroyed on the ramp. Subsequently, security measures were taken to protect the aircraft parking apron. These include: a double security fence with controlled entry gates, interior and exterior perimeter lights, visual control tower, fence sensors, Closed Circuit Television (CCTV), and response teams. The existing aircraft parking apron and adjacent operational areas are totally enclosed behind a protection system. The expansion of the apron and operational areas by a FY 94 MILCON project for the F-16 aircraft conversion, makes it necessary to expand the security system to enclose the new facilities and expanded areas. It is also necessary to upgrade the existing security system based on current technology. Another incident in Spring of 1991 damaged two more A-7 aircraft. Security officials have verified that the threat is still a valid concern.

IMPACT IF NOT PROVIDED: Unable to secure the F-16 aircraft parking apron and the adjacent operational area. Possible compromise, damage or loss of aircraft. Existing security system not fully operational and has out dated equipment that cannot fully protect the aircraft. Easier to bypass outdated technology. New apron area cannot be used for operations.

L. COMPONENT		2. DATE
	FY 1996 MILITARY CONSTRUCTION PROJECT DAT	ra
NG	(computer generated)	
3. INSTALLAT	ION AND LOCATION	
PUERTO RICO	INTERNATIONAL AIRPORT PUERTO RICO	
. PROJECT T		5. PROJECT NUMBER
JPGRADE SECU	RITY SYSTEM	TUMR929918
l2. SUPPLEM	ENTAL DATA:	
a. Estima	ted Design Data:	
(1) S	tatus:	
	) Date Design Started	92 OCT 01
(t	) Percent Complete as of Jan 95	100%
	) Date 35% Designed	93 OCT 15
( d	) Date Design Complete	94 JUN 01
(2) E	asis:	
(a	) Standard or Definitive Design -	NO
(þ	) Where Design Was Most Recently Used -	N/A
(3)	otal Cost (c) = (a) + (b) or (d) + (e):	(\$000
( a	) Production of Plans and Specifications	70
	) All Other Design Costs	28
	) Total	. 98
	) Contract	. 98
(€	) In-house	
(4)	construction Start	96 JUN
. Equipmen	t associated with this project will be provide	ed from
ther approp		

1. COMPONENT	90 1006 MTI.T	TARY CONSTRUCTION PROJECT D	ATA 2. D	ATE
ANG	(	computer generated)		
	ON AND LOCATION LOCATIONS - WITH	HIN THE UNITED STATES	•	
PROJECT S	<b>TLE</b> \$400,000 AND UNDE	R - FY 96	5. PROJECT VA	NUMBER ARIOUS
STATE AND LO				
PROJEC'	T NUMBER	PROJECT TITLE		COST
CALIFORNIA SEPULVE VHRJ9397	EDA AIR NAT'L GUA 778	RD STATION REPLACE UNDERGROUN STORAGE TANKS	ID FUEL	320
and the aquifer.	This is a level II enviro at system should use the	orage tanks and removes only 6 tanks to numental compliance project and include most economic and environmentally ef	s all site work and	restoration
GEORGIA GLYNCO	AIR NATIONAL GU	ARD STATION		
JASR9297	751 . ·	REPLACE UNDERGROUN STORAGE TANKS	ID FUEL	320
				• '
preclude contami includes all site v	ination of the soil and a work and restoration. To	ystems, and appurtenances to conform to aquifer. This is a level II environmental ank replacement system should use the realiable. (Current Mission)	compliance projec	t and
preclude contami includes all site v environmentally GEORGIA	ination of the soil and a work and restoration. To efficient fuel source av	aquifer. This is a level II environmental ank replacement system should use the nailable. (Current Mission)	compliance projec	t and
preclude contami includes all site v environmentally GEORGIA	ination of the soil and a work and restoration. To efficient fuel source av ANG STATIONS NO	aquifer. This is a level II environmental ank replacement system should use the nailable. (Current Mission)	compliance projec nost economic and	t and
preclude contamination includes all site ventonmentally  GEORGIA  HUNTER  UZYJ9090  Replaces 6 tanks  preclude contamination includes all site ventone includes all site vento	ination of the soil and a work and restoration. To efficient fuel source average ANG STATIONS NO. 632  and remove only 5 oth ination of the soil and a work and restoration. To	aquifer. This is a level II environmental ank replacement system should use the realiable. (Current Mission)  2.2  REPLACE UNDERGROUN	compliance project most economic and ND m to EPA regulation compliance project	t and 400 ons and to

Removes 15 underground fuel storage tanks. The base has no use for these tanks, and state and local environmental protection agencies require they be removed. This is a level II environmental compliance project and includes disposal of the tanks, tank residue, and contaminated soil. (Current Mission)

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATIO	N AND LOCATION  OCATIONS - WITHIN THE UNITED STATES	
4. PROJECT TIT		PROJECT NUMBER
PROJECTS \$	400,000 AND UNDER - FY 96	VARIOUS

STATE AND LOCATION PROJECT NUMBER

PROJECT TITLE

COST

**ILLINOIS** 

GREATER PEORIA AIRPORT (ANG)

JLQN939878

AIRCRAFT DEICING FACILITY

400

Provides a deicing apron for the aircraft in winter months that will comply with all environmental rules. The apron will also serve as an outside washrack. This is a Level II environmental compliance project and includes site preparation, paving, and a deicing glycol recovery/recycling system which will meet environmental requirements. (Current Mission)

**MASSACHUSETTS** 

WORCESTER ANG STATION ZHAH939614

ADD TO AND ALTER VEHICLE MAINTENANCE FACILITY

350

Provides a sufficiently sized and properly configured vehicle maintenance facility with a properly sized refueler bay and paint spray booth. The shop will comply with hazardous location criteria and be configured to meet environmental requirements. This is a Level I environmental compliance project and includes site work, asbestos removal, pavements, and utilities. (Current Mission)

**MINNESOTA** 

MINNEAPOLIS ST PAUL INT'L AIRPORT

QJKL949505

AIRCRAFT DEICING FACILITY

400

Provides a deicing apron for the aircraft in winter months that will comply with all environmental rules. The apron will also serve as an outside washrack. This is a Level I environmental compliance project and includes site preparation, paving, and a deicing glycol recovery system which will meet environmental requirements. (Current Mission)

**NEW YORK** 

NIAGARA FALLS INTERNATIONAL AIRPORT

RVKQ949647

UPGRADE STORM AND SANITARY SEWER SYSTEM

400

Upgrades storm drain and sanitary sewer system by providing new, adequately sized, sanitary sewer lines and storm drainage pipes. This is a Level I environmental compliance project which expands both systems and installs the catch basins and oil/water separators required to comply with the environmental requirements of the clean water act. (Current Mission)

DATA
5. PROJECT NUMBER VARIOUS

## STATE AND LOCATION PROJECT NUMBER

PROJECT TITLE

COST

OHIO

BLUE ASH ANG STATION BVGM929908

REPLACE UNDERGROUND FUEL STORAGE TANKS

380

Replaces 7 tanks. This work is needed to conform to EPA regulations and to preclude contamination of the soil and aquifer. This is a level II environmental compliance project, and includes excavation; removal of the tanks; disposal of the tanks, tank residue, and contaminated soil; and all site work and restoration. Tank replacement system should use the most economic and environmentally efficient fuel source available. (Current Mission)

#### OHIO

CAMP PERRY ANG STATION EUBC939780

REPLACE UNDERGROUND FUEL STORAGE TANKS

320

Replaces 4 tanks. This work is needed to conform to EPA regulations and to preclude contamination of the soil and aquifer. This is a level II environmental compliance project, and includes excavation; removal of the tanks; disposal of the tanks, tank residue, and contaminated soil; and all site work and restoration. Tank replacement system should use the most economic and environmentally efficient fuel source available. (Current Mission)

### OHIO

RICKENBACKER ANG BASE NLZG909546

REPLACE UNDERGROUND FUEL STORAGE TANKS

310

Replaces 2 tanks and 3 oil/water separators. This work is needed to conform to EPA regulations and to preclude contamination of the soil and aquifer. This is a level II environmental compliance project, and includes excavation; removal of the tanks; disposal of the tanks, tank residue, and contaminated soil; and all site work and restoration. Tank replacement system should use the most economic and environmentally efficient fuel source available. (Current Mission)

### **OKLAHOMA**

WILL ROGERS WORLD AIRPORT YZEU949739

PETROLEUM OPERATIONS FACILITY

400

Replaces the existing building with an adequately sized and properly configured facility. The present inadequate facility must be demolished to provide proper access to the new fire station. This project includes modern fuel testing equipment in an explosion proof environment, and provides utilities, pavements, and site improvements. (Current Mission)

	1. COMPONENT							2	DATE	
		FY 19				TION PROJEC	r DA:	ra A1		
	ANG		(00	mpute	r gene	erated)				
	3. INSTALLATI	ON AND LO	CATION			4. PROJECT	TITI	LE		
	VARIOUS LOCAT	IONS (UNS	PECIFIED)			PLANNING A	ND DI	ESIGN		
	5. PROGRAM EL	EMENT 6.	CATEGORY	CODE	7. PR	JECT NUMBER	8.	PROJECT	COST(\$	000)
İ	55296F		010-000		AA	A929930		\$.	4,580	•

9. COST ESTIMATES									
	UNIT COST								
ITEM	U/M QUANTITY COST (\$000)								
PLANNING AND DESIGN	LS 4,580								
SUBTOTAL	4,580								
TOTAL CONTRACT COST	4,580								
TOTAL REQUEST	4,580								
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- 10. Description of Proposed Construction: The funds requested will provide for the final design of facilities and achieve full evaluation for each project in terms of technical adequacy and estimated cost. In addition, the funds are required to prepare working drawings, specifications, and project reports for the design of construction projects to be included in future Military Construction Programs.
- 11. REQUIREMENT: As required.

REQUIREMENT: The ANG needs planning and design funds for projects to be included in future MILCON programs The FY 96 design funds are needed to complete the design for projects to be included in FY 97 and begin the design for projects to be included in FY 98.

CURRENT SITUATION: The SECDEF bottom up review and the downsizing of the Air Force has resulted in the transferring of additional missions such as the B-1, KC-135, C-130, and others to the ANG. The MILCON for these aircraft conversions are included in the FY 97-99 programs. requires the design money in FY 96 to insure the design milestones for FY 97 and FY 98 as mandated by DODI 1225.7 are met. The ANG design dollars have been totally depleted. This is the result of past congressional MILCON adds to the program without a corresponding increase in design money. In order to preclude a design work stoppage, ANG was forced to reprogramm \$5.8 Mil. However, this was only a short term stop gap measure. Additional reprogrammings are anticipated to resolve the shortfall resulting from the appropriated FY 95 MILCON program. IMPACT IF NOT PROVIDED: The ANG will not be able to execute the FY 96 and FY 97 design programs. Since the majority of the programs are in support of new missions, conversions, and environmental compliance, the projects cannot be included in the MILCON programs and submitted to Congress.

1. COMPONENT		2. DATE
FY 1996	MILITARY CONSTRUCTION PROJECT DATA	
ANG	(computer generated)	
3. INSTALLATION AND LOCAT	ION	
VARIOUS LOCATIONS (UNSPEC	IFIED)	
4. PROJECT TITLE	5. I	PROJECT NUMBER
PLANNING AND DESIGN	Į P	AAAA929930

Conversions will be delayed; high risk and costly workarounds will occur. Inability to program environmental compliance projects will result in violation of County, State, and Federal statutes. The ANG may receive fines and the DoD, AF, and ANG may receive adverse publicity. It will be hard to explain that this was caused by insufficient planning and design.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DAT		DATE
ANG	(computer generated)		
3. INSTALLATI	ON AND LOCATION	-	
VARIOUS LOCAT	CIONS (UNSPECIFIED)		
4. PROJECT T	TLE	5. PROJEC	T NUMBER
PLANNING AND	DESIGN	AAAA92	29930

Conversions will be delayed; high risk and costly workarounds will occur. Inability to program environmental compliance projects will result in violation of County, State, and Federal statutes. The ANG may receive fines and the DoD, AF, and ANG may receive adverse publicity. It will be hard to explain that this was caused by insufficient planning and design.

# DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1996

APPROPRIATION:

MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313:

PLANNING AND DESIGN

\$4,580,000

#### PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for project planning and design of the construction requirements for the Air National Guard

## PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Planning and Design will provide for establishing project construction design of the facilities and for achieving a full evaluation of each designed project in terms of technical adequacy and estimated costs.

1. COMPONENT												2.	DATE
	F	1996							JECT	DATA	7		
ANG (computer generated)													
3. INSTALLATION AND LOCATION 4. PROJECT TITLE													
VARIOUS LOCATIONS (UNSPECIFIED) UNSPECIFIED MINOR CONSTRUCTION													
5. PROGRAM EI	LEMENT	6. CAT	EGORY	CODE	7.	PROJ	JEC:	UN T	<b>IBER</b>	8. F	ROJE	CT (	COST(\$000)
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55296F		99	9-999			AAAA	1929	931					\$4,100
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UNSPECIFIED 1	AINOR (	CONSTRU	CTION					LS					4,100
SUBTOTAL	•			•							,		4,100
TOTAL CONTRAC	_	r											4,100
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- 10. Description of Proposed Construction: Provides a lump sum for construction projects not otherwise authorized by law. Includes construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code 2233a or 10 U. S. Code 2805
- 11. REQUIREMENT: As required.

REQUIREMENT: This program provides the means of accomplishing projects costing over \$300,0000 but not exceeding \$1,500,000 that are not now identified, but which are anticipated to arise during late Fy 1995, FY 96 or early FY 97 to satisfy critical, unforeseen and urgent mission or environmental requirements. It would be too late to include these projects in the fy 96 Milcon and these projects cannot wait for inclusion in the FY 97 MILCON.

CURRENT SITUATION: During this period, as the Air Force is cutting back force structure, the ANG is undergoing numerous aircraft conversions and beddowns. These include: conversions from F-15 and F-16 to B-1 at 2 locations; conversion of the F-4G and RF-4C to C-130 at two locations; conversions of the F-16 and RF-4C to KC 135 at 6 locations. Many facility requirements not now identified may need to be done on an urgent basis to support the arrival of new aircraft and equipment. Past records indicate that additional conversion projects are identified by the Site Activation Task Force. This is a management team that arrives on a base selected for a conversion and conducts a program review to insure the conversion is successful and on time. Unforseen and urgent environmental requirements to meet the State and Federal laws are also typical projects that must be accomplished. The funds requested in this budget are not a percent of the

-	1. COMPONENT			2. DA	ATE
		FY 1996 MILITARY CONSTRUCTION PROJECT DA	ATA		
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	3. INSTALLATIO	ON AND LOCATION			
	VARIOUS LOCATI	IONS (UNSPECIFIED)			
-	4. PROJECT TIT	PLE	5.	PROJECT	NUMBER
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budget but are based on past history and account for inflation only.
Routine and non urgent projects are not funded by this account.

IMPACT IF NOT PROVIDED: Unable to complete the beddowns. Will require formal reprogramming if savings are available. Urgent environmental requirements cannot be satisfied. More expensive workarounds will have to be used.

# DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1996

APPROPRIATION:

MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341:

UNSPECIFIED MINOR CONSTRUCTION

\$4,100,000

## PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over \$300,000 but not exceeding \$1,500,000 which are not otherwise authorized by law.

## PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Minor Construction will finance projects for which the justification is such that they should not be included in the regular Military Construction Program for the Air National Guard and such that they exceed the minor construction work authorization in the Operations and Maintenance Appropriation.